

ORDIN DE PLATĂ		Nr.	713	DATA EMITERII	20 ianuarie 2026	TIP.DOC.1
PLĂTIȚI:	2 300-00	LEI	Doua mii trei sute lei 00 bani			
PLĂTITOR: (R) BIOSISTEM MLD SRL		CODUL IBAN		MD95ML000000002251429243		
		CODUL FISCAL		1010600028048		
PRESTATORUL PLĂTITOR: BC'Moldindconbank'S.A.						
BENEFICIAR: (R) Dispensarul Republican de Narcologie		CODUL IBAN		MD23ML000000002251102291		
		CODUL FISCAL		1003600150509		
PRESTATORUL BENEFICIAR: BC'Moldindconbank'S.A.						
DESTINAȚIA PLĂȚII: Pentru garantia de buna executie la procedura de achizitie publica nr. ocds-b3wdp1-MD-1767966178573 din 21.01.2026				TIPUL TRANSFERULUI NORMAL/URGENT		
				N L.Ș.		
CODUL TRANZACȚIEI	DATA PRIMIRII	DATA EXECUTĂRII		LAZAR ANNA		
001				LAZAR ANNA		
Document transmis prin instrument de plată electronic cu acces la				SEMNĂTURILE EMITENTULUI		
la distanță de tip internet-banking				SEMNĂTURA PRESTATORULUI		
				L.Ș.		
MOTIVUL REFUZULUI						
Nota: Responsabilitatea privind veridicitatea și corectitudinea informației indicate în ordinul de plată îi revine emitentului*						
*Regulamentul cu privire la transferul de credit, debitarea directă și atribuirea codurilor IBAN, aprobat prin HCE al BNM nr. 108 din 08.06.2023						



GUVERNUL
REPUBLICII
MOLDOVA



SERVICIUL FISCAL DE STAT



CERTIFICAT

privind lipsa sau existența restanțelor față de bugetul public național

Nr.
№ 1714048

Din
От 12.01.2026 17:14



DATE DESPRE CONTRIBUABIL / ИНФОРМАЦИЯ О НАЛОГОПЛАТЕЛЬЩИКЕ

Codul fiscal / Numărul de identificare

Фискальный код / Идентификационный номер

1010600028048

Denumirea

Наименование

Societatea cu Răspundere Limitată "BIOSISTEM MLD"



ATESTAREA LIPSEI SAU EXISTENȚEI RESTANȚELOR CONFORM DATELOR SISTEMULUI INFORMAȚIONAL AUTOMATIZAT / ПОДТВЕРЖДЕНИЕ ОТСУТСТВИЯ ИЛИ НАЛИЧИЯ ЗАДОЛЖНОСТЕЙ СОГЛАСНО ДАННЫМ ИНФОРМАЦИОННОЙ АВТОМАТИЗИРОВАННОЙ СИСТЕМЫ

La data emiterii prezentului certificat restanța față de bugetul public național constituie

На дату выдачи данной справки задолженность перед национальным публичным бюджетом составляет

57.37 MDL

În temeiul art. 129 pct. 13) lit. c) din Codul fiscal, suma neachitată a obligațiilor fiscale în cuantum de până la 500 de lei inclusiv nu se consideră restanță față de bugetul public național în scopul atestării lipsei restanțelor față de bugetul public național ale contribuabililor.



VALABIL PÂNĂ LA / ДЕЙСТВИТЕЛЕН ДО

27.01.2026 17:14



Prezentul document este eliberat în temeiul Art. 29, alin. (3) din Legea cu privire la registre nr. 71/2007 și în baza datelor furnizate de Serviciul Fiscal de Stat în Portalul Guvernamental al Cetățeanului și al Unităților de Drept / Справка выдана в соответствии со ст. 29 п. (3) Закона о реестрах № 71/2007 на основании данных, предоставленных Государственной налоговой службой на Портале Правительства Гражданина и Юридических Лиц.

Generat și semnat de Portalul Guvernamental al Cetățeanului și al Unităților de Drept la 12.01.2026 17:14

Prezentul certificat este semnat electronic în conformitate cu Legea nr.124 din 19.05.2022

Сертификат подписан электронной подписью в соответствии с Законом № 124 от 19.05.2022



Certificatul este descărcat din Portalul Guvernamental al Cetățeanului și al Unităților de Drept (mcabinet.gov.md) și este semnat electronic de către posesorul acestui portal și are aceeași valoare juridică ca și documentele eliberate pe suport de hârtie de către organele cu atribuții de administrare fiscală. Verificarea autenticității semnăturii electronice poate fi realizată cu ajutorul Serviciului Guvernamental de Semnătură Electronică (msign.gov.md)

Сертификат скачен с Правительственного Портала Гражданина и Юридических Лиц (mcabinet.gov.md) и подписан электронной подписью владельца портала и имеет такую же юридическую силу, как и документы выдаваемые на бумаге органами налоговой администрации. Проверку подлинности электронной подписи можно осуществить с помощью Государственной Службой Электронной Подписью (msign.gov.md)

REPUBLICA



MOLDOVA

CERTIFICAT DE ÎNREGISTRARE

Societatea cu Răspundere Limitată "BIOSISTEM MLD"
— ESTE ÎNREGISTRATĂ LA CAMERA ÎNREGISTRĂRII DE STAT —

Numărul de identificare de stat - codul fiscal
1010600028048

Data înregistrării

12.08.2010

Data eliberării

12.08.2010

Svirepova Ludmila, registrator

*Funcția, numele, prenumele persoanei
care a eliberat certificatul*

L. Svirepova
semnătura

MD 0101250





AGENȚIA SERVICII PUBLICE

Departamentul înregistrare și licențiere a unităților de drept

EXTRAS

din Registrul de stat al persoanelor juridice

Nr. 531522 data 15.09.2023

Denumirea completă: **Societatea cu Răspundere Limitată "BIOSISTEM MLD"**

Denumirea prescurtată: **"BIOSISTEM MLD" S.R.L.**

Forma juridică de organizare: **Societate cu răspundere limitată,**

Numărul de identificare de stat și codul fiscal (IDNO): **1010600028048**

Data înregistrării de stat: **12.08.2010**

Sediul: **MD-2001, str. Albișoara, 16/1, ap. 7, mun. Chișinău, Republica Moldova.**

Obiectul principal de activitate:

- 1. Activitatea farmaceutică; importul și (sau) producerea articolelor de parfumerie și cosmetică**
- 2. Fabricarea, comercializarea, asistența tehnică, repararea și verificarea articolelor de tehnică și optică medicală**
- 3. Acordarea asistenței medicale de către instituțiile medico-sanitare private**
- 4. Comerțul cu ridicata al calculatoarelor, echipamentelor periferice și software-ului**
- 5. Întreținerea și repararea mașinilor de birou și a tehnicii de calcul**
- 6. Consultații în domeniul sistemelor de calcul**

Capitalul social: **5400 lei,**

Administrator: **POIATA VITALIE, IDNP 0983103892591,**

Asociații:

1. **POIATA VITALIE, IDNP 0983103892591, cota 1803,60 lei, ce constituie 33,4%**

Beneficiar efectiv:

- 1.1. **POIATA VITALIE, IDNP 0983103892591,**

2. **NASEDCHIN ALEXANDR, IDNP 2002001070747, cota 1798,20 lei, ce constituie 33,3%**

Beneficiar efectiv:

- 2.1. **NASEDCHIN ALEXANDR, IDNP 2002001070747,**

3. **KOJEVNIKOV DMITRII, IDNP 0972305012362, cota 1798,20 lei, ce constituie 33,3%**

Beneficiar efectiv:

- 3.1. **KOJEVNIKOV DMITRII, IDNP 0972305012362**

Prezentul extras este eliberat în temeiul art.34 al Legii nr.220-XVI din 19 octombrie 2007 privind înregistrarea de stat a persoanelor juridice și a întreprinzătorilor individuali și confirmă datele din Registrul de stat la data de: **15.09.2023.**

**Registrator în domeniul
înregistrării de stat**

Digitally signed by Rusu Diana
Date: 2023.09.15 16:44:17 EEST
Reason: MoldSign Signature
Location: Moldova



Rusu Diana



EB 0461494



BC "MOLDINDCONBANK" S.A.

Filiala "Invest"

Republica Moldova, MD-2068
mun. Chișinău, bd. Moscovei, 14/1
Tel. : (373-22) 43-44-81, 43-46-24
Fax : (373-22) 43-44-22
cod: MOLDMD2X329

Data 14. IAN. 2016
Nr. 03/2 - 19/23

Республика Молдова, MD-2068
мун. Кишинэу, бул. Московской, 14/1
Тел. : (373-22) 43-44-81, 43-46-24
Факс : (373-22) 43-44-22
код: MOLDMD2X329

Filiala „Invest” BC „Moldindconbank” SA confirmă existența contului curent în moneda națională al **“BIOSISTEM MLD” S.R.L. (c/f 1010600028048)**, cu **IBAN MD95ML000000002251429243**.

Codul băncii MOLDMD2X329.

Director

Nina Turcan

Director financiar



Nina Balmuş

Ex. Diana Brinza
Tel. 43-45-96

Lista fondatorilor Biosistem-mld SRL

Nr.	Nume, Prenume	IDNP
1.	Vitalie Poiata	0983103892591
2.	Alexandr Nasedchin	2002001070747
3.	Dmitrii Kojevnikov	0972305012362

SITUAȚIILE FINANCIARE

pentru perioada 01.01.2024 - 31.12.2024

Entitatea: BIOSISTEM MLD S.R.L.

Cod CUIÎO: 40717392

Cod IDNO: 1010600028048

Sediul:

MD:

Raionul(municipiul): 106, DDF RASCANI

Cod CUATM: 0150, SEC.RISCANI

Strada: Albisoara nr.16 bl.1 of.7

Activitatea principală: G4646, Comert cu ridicata al produselor farmaceutice

Forma de proprietate: 16, Proprietate colectivă

Forma organizatorico-juridică: 530, Societăți cu răspundere limitată

Date de contact:

Telefon: +37322808719

WEB:

E-mail: zmii13@mail.ru

Numele și coordonatele al contabilului-șef: DI (dna) Tel.

Numărul mediu al salariaților în perioada de gestiune: 10 persoane.

Persoanele responsabile de semnarea situațiilor financiare* Nasedchin Alexandr

Unitatea de măsură: leu

BILANȚUL

Anexa 1

Nr. cpt.	Indicatori	Cod rd.	Sold la	
			Începutul perioadei de gestiune	Sfârșitul perioadei de gestiune
1	2	3	4	5
	A C T I V			
A.	ACTIVE IMOBILIZATE			
	I. Imobilizări necorporale			
	1. Imobilizări necorporale în curs de execuție	010		
	2. Imobilizări necorporale în exploatare, total	020		
	din care:	021		
	2.1. concesiuni, licențe și mărci			
	2.2. drepturi de autor și titluri de protecție	022		
	2.3. programe informatice	023		

2.4. alte imobilizări necorporale	024		
3. Fond comercial	030		
4. Avansuri acordate pentru imobilizări necorporale	040		
Total imobilizări necorporale (rd.010 + rd.020 + rd.030 + rd.040)	050		
II. Imobilizări corporale			
1. Imobilizări corporale în curs de execuție	060		
2. Terenuri	070		
3. Mijloace fixe, total	080	4438372	7706354
din care:	081		
3.1. clădiri			
3.2. construcții speciale	082		
3.3. mașini, utilaje și instalații tehnice	083	4423127	6955543
3.4. mijloace de transport	084		629606
3.5. inventar și mobilier	085	15245	9423
3.6. alte mijloace fixe	086		111782
4. Resurse minerale	090		
5. Active biologice imobilizate	100		
6. Investiții imobiliare	110		
7. Avansuri acordate pentru imobilizări corporale	120	2337159	1435404
Total imobilizări corporale (rd.060 + rd.070 + rd.080 + rd.090 + rd.100 + rd.110 + rd.120)	130	6775531	9141758
III. Investiții financiare pe termen lung			
1. Investiții financiare pe termen lung în părți neafiliate	140		
2. Investiții financiare pe termen lung în părți afiliate, total	150		
din care:	151		
2.1. acțiuni și cote de participație deținute în părțile afiliate			
2.2 împrumuturi acordate părților afiliate	152		
2.3 împrumuturi acordate aferente intereselor de participare	153		
2.4 alte investiții financiare	154		
Total investiții financiare pe termen lung (rd.140 + rd.150)	160		
IV. Creanțe pe termen lung și alte active imobilizate			
1. Creanțe comerciale pe termen lung	170		
2. Creanțe ale părților afiliate pe termen lung	180		
inclusiv: creanțe aferente intereselor de participare	181		
3. Alte creanțe pe termen lung	190		

	4. Cheltuieli anticipate pe termen lung	200		
	5. Alte active imobilizate	210		
	Total creanțe pe termen lung și alte active imobilizate (rd.170 + rd.180 + rd.190 + rd.200 + rd.210)	220		
	TOTAL ACTIVE IMOBILIZATE (rd.050 + rd.130 + rd.160 + rd.220)	230	6775531	9141758
B.	ACTIVE CIRCULANTE			
	I. Stocuri			
	1. Materiale și obiecte de mică valoare și scurtă durată	240	24776	1133
	2. Active biologice circulante	250		
	3. Producția în curs de execuție	260		
	4. Produse și mărfuri	270	11490033	15684462
	5. Avansuri acordate pentru stocuri	280		
	Total stocuri (rd.240 + rd.250 + rd.260 + rd.270 + rd.280)	290	11514809	15685595
	II. Creanțe curente și alte active circulante			
	1. Creanțe comerciale curente	300	2646694	4561951
	2. Creanțe ale părților afiliate curente	310		
	inclusiv: creanțe aferente intereselor de participare	311		
	3. Creanțe ale bugetului	320	45618	25303
	4. Creanțele ale personalului	330		
	5. Alte creanțe curente	340		
	6. Cheltuieli anticipate curente	350		
	7. Alte active circulante	360	2251145	3491833
	Total creanțe curente și alte active circulante (rd.300 + rd.310 + rd.320 + rd.330 + rd.340 + rd.350 + rd.360)	370	4943457	8079087
	III. Investiții financiare curente			
	1. Investiții financiare curente în părți neafiliate	380		
	2. Investiții financiare curente în părți afiliate, total	390		
	din care:			
	2.1. acțiuni și cote de participație deținute în părțile afiliate	391		
	2.2. împrumuturi acordate părților afiliate	392		
	2.3. împrumuturi acordate aferente intereselor de participare	393		
	2.4. alte investiții financiare în părți afiliate	394		
	Total investiții financiare curente (rd.380 + rd.390)	400		
	IV. Numerar și documente bănești	410	27361722	35607750
	TOTAL ACTIVE CIRCULANTE (rd.290 + rd.370 + rd.400 + rd.410)	420	43819988	59372432

	TOTAL ACTIVE (rd.230 + rd.420)	430	50595519	68514190
	P A S I V			
	CAPITAL PROPRIU			
	I. Capital social și neînregistrat			
	1. Capital social	440	5400	5400
	2. Capital nevărsat	450	()	()
	3. Capital neînregistrat	460		
	4. Capital retras	470	()	()
	5. Patrimoniul primit de la stat cu drept de proprietate	480		
	Total capital social și neînregistrat (rd.440 + rd.450 + rd.460 + rd.470 + rd.480)	490	5400	5400
	II. Prime de capital	500		
	III. Rezerve			
	1. Capital de rezervă	510		
	2. Rezerve statutare	520		
	3. Alte rezerve	530		
	Total rezerve (rd.510 + rd.520 + rd.530)	540		
	IV. Profit (pierdere)			
	1. Corecții ale rezultatelor anilor precedenți	550	X	
	2. Profit nerepartizat (pierdere neacoperită) al anilor precedenți	560	48431994	40453271
	3. Profit net (pierdere netă) al perioadei de gestiune	570	X	25286521
	4. Profit utilizat al perioadei de gestiune	580	X	()
	Total profit (pierdere) (rd.550 + rd.560 + rd.570 + rd.580)	590	48431994	65739792
	V. Rezerve din reevaluare	600		
	VI. Alte elemente de capital propriu	610		
	TOTAL CAPITAL PROPRIU (rd.490 + rd.500 + rd.540 + rd.590 + rd.600 + rd.610)	620	48437394	65745192
C.				
	DATORII PE TERMEN LUNG			
	1. Credite bancare pe termen lung	630		
	2. Împrumuturi pe termen lung	640		
	din care:			
	2.1. împrumuturi din emisiunea de obligațiuni	641		
	inclusiv: împrumuturi din emisiunea de obligațiuni convertibile	642		
	2.2. alte împrumuturi pe termen lung	643		
	3. Datorii comerciale pe termen lung	650		
D.				

	4. Datorii față de părțile afiliate pe termen lung	660		
	inclusiv: datorii aferente intereselor de participare	661		
	5. Avansuri primite pe termen lung	670		
	6. Venituri anticipate pe termen lung	680		
	7. Alte datorii pe termen lung	690		
	TOTAL DATORII PE TERMEN LUNG (rd.630 + rd.640 + rd.650 + rd.660 + rd.670 + rd.680 + rd.690)	700		
E.	DATORII CURENTE			
	1. Credite bancare pe termen scurt	710		
	2. Împrumuturi pe termen scurt, total	720		
	din care:	721		
	2.1. împrumuturi din emisiunea de obligațiuni			
	inclusiv: împrumuturi din emisiunea de obligațiuni convertibile	722		
	2.2. alte împrumuturi pe termen scurt	723		
	3. Datorii comerciale curente	730	59765	10312
	4. Datorii față de părțile afiliate curente	740		
	inclusiv: datorii aferente intereselor de participare	741		
	5. Avansuri primite curente	750	273711	151820
	6. Datorii față de personal	760		
	7. Datorii privind asigurările sociale și medicale	770		
	8. Datorii față de buget	780	1766706	2601490
	9. Datorii față de proprietari	790		
	10. Venituri anticipate curente	800		
	11. Alte datorii curente	810	57943	5376
	TOTAL DATORII CURENTE (rd.710 + rd.720 + rd.730 + rd.740 + rd.750 + rd.760 + rd.770 + rd.780 + rd.790 + rd.800 + rd.810)	820	2158125	2768998
F.	PROVIZIOANE			
	1. Provizioane pentru beneficiile angajaților	830		
	2. Provizioane pentru garanții acordate cumpărătorilor/clientilor	840		
	3. Provizioane pentru impozite	850		
	4. Alte provizioane	860		
	TOTAL PROVIZIOANE (rd.830 + rd.840 + rd.850 + rd.860)	870		
	TOTAL PASIVE (rd.620 + rd.700 + rd.820 + rd.870)	880	50595519	68514190

SITUAȚIA DE PROFIT ȘI PIERDERE

de la 01.01.2024 până la 31.12.2024

Anexa 2

Indicatori	Cod rd.	Perioada de gestiune
------------	---------	----------------------

		precedenta	curenta
1	2	3	4
Venituri din vânzări, total	010	58891757	72234217
din care:			
venituri din vânzarea produselor și mărfurilor	011	57105542	70297293
venituri din prestarea serviciilor și executarea lucrărilor	012	1771148	1701254
venituri din contracte de construcție	013		
venituri din contracte de leasing	014		
venituri din contracte de microfinanțare	015		
alte venituri din vânzări	016	15067	235670
Costul vânzărilor, total	020	32917436	37551083
din care:			
valoarea contabilă a produselor și mărfurilor vândute	021	32793096	37420276
costul serviciilor prestate și lucrărilor executate terților	022	124340	130807
costuri aferente contractelor de construcție	023		
costuri aferente contractelor de leasing	024		
costuri aferente contractelor de microfinanțare	025		
alte costuri aferente vânzărilor	026		
Profit brut (pierdere brută) (rd.010 - rd.020)	030	25974321	34683134
Alte venituri din activitatea operațională	040	829270	1999137
Cheltuieli de distribuire	050	4167	
Cheltuieli administrative	060	3996115	6021871
Alte cheltuieli din activitatea operațională	070	879808	692169
Rezultatul din activitatea operațională: profit (pierdere) (rd.030 + rd.040 - rd.050 - rd.060 - rd.070)	080	21923501	29968231
Venituri financiare, total	090	1070406	970167
din care:			
venituri din interese de participare	091		
inclusiv: veniturile obținute de la părțile afiliate	092		
venituri din dobânzi	093	337916	255488
inclusiv: veniturile obținute de la părțile afiliate	094		
venituri din alte investiții financiare pe termen lung	095		
inclusiv: veniturile obținute de la părțile afiliate	096		
venituri aferente ajustărilor de valoare privind investițiile financiare pe termen lung și curente	097		
venituri din ieșirea investițiilor financiare	098		
venituri aferente diferențelor de curs valutar și de sumă	099	732490	714679

Cheltuieli financiare, total	100	1786338	2592418
din care:	101		
cheltuieli privind dobânzile			
inclusiv: cheltuielile aferente părților afiliate	102		
cheltuieli aferente ajustărilor de valoare privind investițiile financiare pe termen lung și curente	103		
cheltuieli aferente ieșirii investițiilor financiare	104		
cheltuieli aferente diferențelor de curs valutar și de sumă	105	1786338	2592418
Rezultatul: profit (pierdere) financiar(ă) (rd.090 - rd.100)	110	-715932	-1622251
Venituri cu active imobilizate și excepționale	120		836616
Cheltuieli cu active imobilizate și excepționale	130		409025
Rezultatul din operațiuni cu active imobilizate și excepționale: profit (pierdere) (rd.120 - rd.130)	140		427591
Rezultatul din alte activități: profit (pierdere) (rd.110 + rd.140)	150	-715932	-1194660
Profit (pierdere) pînă la impozitare (rd.080 + rd.150)	160	21207569	28773571
Cheltuieli privind impozitul pe venit	170	2588716	3487050
Profit net (pierdere netă) al perioadei de gestiune (rd.160 - rd.170)	180	18618853	25286521

SITUAȚIA MODIFICĂRILOR CAPITALULUI PROPRIU

de la pînă la

Anexa 3

Nr. d/o	Indicatori	Cod rd	Sold la începutul perioadei de gestiune	Majorări	Diminuări	Sold la sfîrșitul perioadei de gestiune
1	2	3	4	5	6	7
I.	Capital social și neînregistrat					
	1. Capital social	010				
	2. Capital nevărsat	020	()	()	()	()
	3. Capital neînregistrat	030				
	4. Capital retras	040	()	()	()	()
	5. Patrimoniul primit de la stat cu drept de proprietate	050				
	Total capital social și neînregistrat (rd.010 + rd.020 + rd.030 + rd.040 + rd.050)	060				
II.	Prime de capital	070				
III.	Rezerve					
	1. Capital de rezervă	080				
	2. Rezerve statutare	090				

	3. Alte rezerve	100				
	Total rezerve (rd.080 + rd.090 + rd.100)	110				
IV.	Profit (pierdere)					
	1. Corecții ale rezultatelor anilor precedenți	120	X			
	2. Profit nerepartizat (pierdere neacoperită) al anilor precedenți	130				
	3. Profit net (pierdere netă) al perioadei de gestiune	140	X			
	4. Profit utilizat al perioadei de gestiune	150	X	()	()	()
	Total profit (pierdere) (rd.120 + rd.130 + rd.140 + rd.150)	160				
V.	Rezerve din reevaluare	170				
VI.	Alte elemente de capital propriu	180				
	Total capital propriu (rd.060 + rd.070 + rd.110 + rd.160 + rd.170 + rd.180)	190				

SITUAȚIA FLUXURILOR DE NUMERAR
de la până la

Anexa 4

Indicatori	Cod rd	Perioada de gestiune	
		precedentă	curentă
1	2	3	4
Fluxuri de numerar din activitatea operațională			
Încasări din vânzări	010		
Plăți pentru stocuri și servicii procurate	020		
Plăți către angajați și organe de asigurare socială și medicală	030		
Dobânzi plătite	040		
Plata impozitului pe venit	050		
Alte încasări	060		
Alte plăți	070		
Fluxul net de numerar din activitatea operațională (rd.010 - rd.020 - rd.030 - rd.040 - rd.050 + rd.060 - rd.070)	080		
Fluxuri de numerar din activitatea de investiții			
Încasări din vânzarea activelor imobilizate	090		
Plăți aferente intrărilor de active imobilizate	100		
Dobânzi încasate	110		
Dividende încasate	120		
inclusiv: dividende încasate din străinătate	121		

Alte încasări (plăți)	130		
Fluxul net de numerar din activitatea de investiții (rd.090 - rd.100 + rd.110 + rd.120 ± rd.130)	140		
Fluxuri de numerar din activitatea financiară			
Încasări sub formă de credite și împrumuturi	150		
Plăți aferente rambursării creditelor și împrumuturilor	160		
Dividende plătite	170		
inclusiv: dividende plătite nerezidenților	171		
Încasări din operațiuni de capital	180		
Alte încasări (plăți)	190		
Fluxul net de numerar din activitatea financiară (rd.150 - rd.160 - rd.170 + rd.180 ± rd.190)	200		
Fluxul net de numerar total (± rd.080 ± rd.140 ± rd.200)	210		
Diferențe de curs valutar favorabile (nefavorabile)	220		
Sold de numerar la începutul perioadei de gestiune	230		
Sold de numerar la sfârșitul perioadei de gestiune (± rd.210 ± rd.220 + rd.230)	240		

Documente atașate - Notă explicativă (fișierul pdf)

BIOSISTEM.PDF

Объяснительная записка

SRL "Biosistem MLD"

Информация о соответствии финансовых отчетов национальным стандартам бухгалтерского учета

Финансовые отчеты составлены в соответствии с положениями Национальных стандартов бухгалтерского учета. Отклонения от основополагающих принципов и качественных характеристик, предусмотренных в национальных стандартах бухгалтерского учета, не были допущены.

Раскрытие учетных политик

Показатели финансовых отчетов были рассчитаны на основе методов и способов, предусмотренных в учетных политиках, утвержденных приказом директора субъекта № 3 от 30 декабря 2014 года. В течение отчетного периода в учетных политиках не было изменений.

Анализ экономико-финансовой деятельности SRL "Biosistem MLD" в 2024 году

Анализ доходов от продаж

ТАБЛИЦА АНАЛИЗА РЕНТАБЕЛЬНОСТИ АКТИВОВ. ПОКАЗАТЕЛИ

1. Общая прибыль	34683134
2. Объем продаж	72234217
3. Всего активов	68514190
4. Возвратность активов	1.05
5. Прибыльность продаж	48
6. Рентабельность активов	50.62

Величина доходов от продаж SRL "Biosistem MLD" в 2024 г. составила 72234.2 тыс. леев, что на 13342.46 тыс. леев больше, чем в предыдущем отчетном периоде. Операционная деятельность предприятия включает один вид деятельности - продажа (биохимические реактивы).

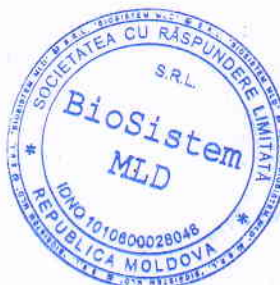
Анализ финансовых результатов и рентабельности

ТАБЛИЦА АНАЛИЗА ЭКОНОМИЧЕСКОЙ РЕНТАБЕЛЬНОСТИ ПОКАЗАТЕЛИ

1. Общая прибыль	34683134
2. Чистая прибыль	28773571
3. Собственный капитал	65745192
4. Постоянный капитал	5400
5. Уд. вес собственного капитала в постоянном капитале	1217503.5
6. Соот. общей прибыли к чистой прибыли	1.2
7. Финансовая рентабельность	43.77
8. Экономическая рентабельность	642280

В 2024 г. SRL "Biosistem MLD" получило прибыль в размере 25286.52 тыс. леев, что на 6667.67 тыс. леев больше, чем в предыдущем отчетном периоде. Это увеличение прибыли обусловлено ростом прибыли по курсовой разнице и прочих доходов.

Директор SRL "Biosistem MLD"



Poata Vitalii.

Recipisa

Respondent

Codul fiscal: 1010600028048, denumire: BIOSISTEM MLD S.R.L.

A prezentat raportul: RSF1_21

Pentru perioada fiscala: A/2024

Data prezentarii: 01.04.2025

Marca temporală a raportului înregistrat în Sistemul de Raportare Electronică și expediat pentru procesare în Sistemul Informațional al BNS : 01.04.2025 16:19:29

Recipisa 2

Respondent

Codul fiscal: 1010600028048, denumire: BIOSISTEM MLD S.R.L.

A prezentat raportul: RSF1_21

Pentru perioada fiscală: A/2024

Data prezentării: 01.04.2025

Marca temporală a raportului înregistrat în Sistemul Informațional al BNS : 02.04.2025 16:10:17

Biroul Național de Statistică (BNS) a recepționat varianta electronică a raportului, expediat de DVs.
Urmează verificarea și validarea raportului de către specialistul BNS pe domeniu.



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Pau Vila Cases Ph.D
CEO
BioSystems

Summary

Clinical Chemistry	3
Biochemistry Reagents	4
Microcolumn Chromatography	13
Calibrators & Standards	14
Internal Controls	15
PREVECAL Clinical Chemistry	17
Instruments	18
Hematology	24
Analyzers	25
Coagulation	27
Reagents & Instruments	28
Autoimmunity	29
Immunofluorescence	30
ELISA	33
PREVECAL Autoimmunity	35
Instruments	36
Rapid Tests	39
Alphabetical Index	41

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Icon guide, by profile

(Guide icons of most relevant profiles for clinical chemistry tests)



Cardiac



Renal



Liver



Pancreatic



Diabetes



Fertility



Hemostasis



Anemia



Lipids



Ions



Immune



Inflammatory



Infectious

Clinical Chemistry



Biochemistry reagents

Test	Code	RA	RB	mL/Kit	
α1-ACID GLYCOPROTEIN					
 Immunoturbidimetric assay					
Multipurpose	31928	1 x 50 mL	-	50	
BA Dedicated	23107	1 x 60 mL	1 x 15 mL	75	
α-AMYLASE DIRECT					
 Direct Substrate					
Multipurpose	11583	5 x 5 mL	-	25	
	11550	6 x 25 mL	-	150	
A15/A25 Dedicated	12550	5 x 20 mL	-	100	
BA Dedicated	21550	8 x 20 mL	-	160	
	23550	4 x 20 mL	-	80	
α-AMYLASE-EPS					
 IFCC					
Multipurpose	11534	1 x 32 mL	1 x 8 mL	40	WR
BA Dedicated	21534	2 x 60 mL	2 x 15 mL	150	
A15/A25 Dedicated	12535	1 x 32 mL	1 x 8 mL	40	WR
α-AMYLASE PANCREATIC					
 IFCC					
Multipurpose	11799	1 x 20 mL	1 x 5 mL	25	
A15/A25 Dedicated	12799	1 x 40 mL	1 x 10 mL	50	
BA Dedicated	21799	2 x 60 mL	2 x 15 mL	150	
ACID PHOSPHATASE (ACP)					
 SFBC					
Multipurpose (Total)	11548	4 x 10 mL	lyophilized	40	WR
Multipurpose (Non Prostatic)	11548	2 x 10 mL	lyophilized	20	WR
ADENOSINE DEAMINASE (ADA)					
  Adenosine-Glutamate Dehydrogenase					
A15/A25 Dedicated	12754	4 x 8 mL	1 x 10 mL	40	WR
BA Dedicated	23754	2 x 16 mL	1 x 10 mL	40	WR
ALANINE AMINOTRANSFERASE (ALT/GPT)					
 IFCC					
Multipurpose	11832	1 x 40 mL	1 x 10 mL	50	WR
	11533	1 x 160 mL	1 x 40 mL	200	WR
	11568	1 x 400 mL	1 x 100 mL	500	WR
	11562	1 x 800 mL	1 x 200 mL	1000	WR
A15/A25 Dedicated	12533	5 x 40 mL	5 x 10 mL	250	WR
BA Dedicated	21533	8 x 60 mL	8 x 15 mL	600	
	23533	4 x 60 mL	4 x 15 mL	300	
Pyridoxal Phosphate (AUX)	11666	1 x 5 mL			
ALBUMIN					
 Bromocresol Green					
Multipurpose	11573	1 x 250 mL	-	250	Std Inc
	11547	2 x 250 mL	-	500	Std Inc
A15/A25 Dedicated	12547	5 x 50 mL	-	250	
BA Dedicated	21547	10 x 60 mL	-	600	
	23547	4 x 60 mL	-	240	
ALBUMIN (MICROALBUMINURIA)					
   Immunoturbidimetric latex assay					
Multipurpose	31324	1 x 16 mL	1 x 4 mL	20	WR
	31924	1 x 40 mL	1 x 10 mL	50	WR
A15/A25 Dedicated	13324	1 x 40 mL	1 x 10 mL	50	WR
BA Dedicated	22324	4 x 60 mL	4 x 15 mL	300	
	23324	1 x 60 mL	1 x 15 mL	75	

Test	Code	RA	RB	mL/Kit	
ALKALINE PHOSPHATASE (ALP)-AMP					
AMP Buffer (IFCC)					
Multipurpose	11592	1 x 40 mL	1 x 10 mL	50	WR
	11593	1 x 160 mL	1 x 40 mL	200	WR
	11598	4 x 100 mL	2 x 50 mL	500	WR
A15/A25 Dedicated	12518	5 x 16 mL	2 x 10 mL	100	WR
BA Dedicated	21592	4 x 60 mL	4 x 15 mL	300	
	23592	1 x 60 mL	1 x 15 mL	75	
ALKALINE PHOSPHATASE (ALP)-DEA					
DEA Buffer					
Multipurpose	11590	1 x 40 mL	1 x 10 mL	50	WR
	11591	4 x 40 mL	4 x 10 mL	200	WR
	11597	4 x 100 mL	2 x 50 mL	500	WR
A15/A25 Dedicated	12514	5 x 16 mL	2 x 10 mL	100	WR
BA Dedicated	21590	4 x 60 mL	4 x 15 mL	300	
	23590	1 x 60 mL	1 x 15 mL	75	
AMMONIA					
Glutamate Dehydrogenase					
A15/A25 Dedicated	12532	1 x 20 mL	1 x 7 mL	27	RA
BA Dedicated	23532	1 x 20 mL	1 x 7 mL	27	RA
ANGIOTENSIN CONVERTING ENZYME (ACE)					
FAPGG					
A15/A25 Dedicated	12796	1 x 50 mL	-	50	
BA Dedicated	21796	2 x 60 mL	-	120	
ANTI-STREPTOLYSIN O (ASO)					
Immunoturbidimetric latex assay					
Multipurpose	31323	1 x 16 mL	1 x 4 mL	20	WR
	31923	1 x 40 mL	1 x 10 mL	50	WR
	31031	2 x 160 mL	2 x 40 mL	400	WR
A15/A25 Dedicated	13923	1 x 40 mL	1 x 10 mL	50	WR
BA Dedicated	22923	2 x 60 mL	2 x 15 mL	150	
	23923	1 x 60 mL	1 x 15 mL	75	
ANTITHROMBIN III					
Immunoturbidimetric assay					
Multipurpose	31936	1 x 40 mL	1 x 10 mL	50	
A15/A25 Dedicated	13936	1 x 40 mL	1 x 10 mL	50	
BA Dedicated	22936	2 x 60 mL	2 x 15 mL	150	
	23936	1 x 60 mL	1 x 15 mL	75	
APOLIPOPROTEIN A-1 (APO A-1)					
Immunoturbidimetric assay					
Multipurpose	31095	1 x 40 mL	1 x 10 mL	50	
BA Dedicated	23095	1 x 60 mL	1 x 15 mL	75	
APOLIPOPROTEIN B (APO B)					
Immunoturbidimetric assay					
Multipurpose	31098	1 x 40 mL	1 x 10 mL	50	
BA Dedicated	23098	1 x 60 mL	1 x 15 mL	75	
ASPARTATE AMINOTRANSFERASE (AST/GOT)					
IFCC					
Multipurpose	11830	1 x 40 mL	1 x 10 mL	50	WR
	11531	1 x 160 mL	1 x 40 mL	200	WR
	11567	1 x 400 mL	1 x 100 mL	500	WR
	11561	1 x 800 mL	1 x 200 mL	1000	WR
A15/A25 Dedicated	12531	5 x 40 mL	5 x 10 mL	250	WR
BA Dedicated	21531	8 x 60 mL	8 x 15 mL	600	
	23531	4 x 60 mL	4 x 15 mL	300	
Pyridoxal Phosphate (AUX)	11666	1 x 5 mL			

Biochemistry reagents

Test	Code	RA	RB	mL/Kit	
β2-MICROGLOBULIN					
Immunoturbidimetric latex assay					
Multipurpose	31920	1 x 800 mL	1 x 200 mL	1000	WR
	31925	1 x 40 mL	1 x 10 mL	50	WR
BA Dedicated	22925	2 x 60 mL	2 x 15 mL	150	
	23925	1 x 60 mL	1 x 15 mL	75	
β-HYDROXYBUTYRATE					
Hydroxybutyrate Dehydrogenase/Diaphorase					
A15/A25 Dedicated	12525	1 x 40 mL	1 x 10 mL	50	
BA Dedicated	21525	1 x 60 mL	1 x 15 mL	75	
BILIRUBIN (DIRECT)					
Diazotized Sulfanilic					
Multipurpose	11511	4 x 40 mL	4 x 10 mL	200	WR
	11545	2 x 400 mL	2 x 100 mL	1000	WR
BILIRUBIN (DIRECT) DPD					
Dichlorophenyl Diazonium					
A15/A25 Dedicated	12504	5 x 40 mL	5 x 10 mL	250	
BA Dedicated	21504	4 x 60 mL	4 x 15 mL	300	
	23504	1 x 60 mL	1 x 15 mL	75	
BILIRUBIN (TOTAL)					
Diazotized Sulfanilic					
Multipurpose	11510	4 x 40 mL	4 x 10 mL	200	WR
	11544	2 x 400 mL	2 x 100 mL	1000	WR
BILIRUBIN (TOTAL) DPD					
Dichlorophenyl Diazonium					
A15/A25 Dedicated	12506	5 x 40 mL	5 x 10 mL	250	
BA Dedicated	21506	8 x 60 mL	8 x 15 mL	600	
	23506	4 x 60 mL	4 x 15 mL	300	
BILIRUBIN (TOTAL AND DIRECT)					
Diazotized Sulfanilic					
Multipurpose	11515	2 x 50 mL	2 x 50 mL	200	WR
	11555	1 x 500 mL	1 x 500 mL	1000	WR
CALCIUM-ARSENAZO					
Arsenazo III					
Multipurpose	11570	1 x 200 mL	-	200	Std Inc
	11571	1 x 500 mL	-	500	Std Inc
A15/A25 Dedicated	12570	10 x 50 mL	-	500	
BA Dedicated	21570	10 x 60 mL	-	600	
	23570	4 x 60 mL	-	240	
CALCIUM-CRESOLPHTHALEIN					
O-Cresolphthalein Complexone					
Multipurpose	11811	1 x 160 mL	1 x 40 mL	200	Std Inc, WR
	11812	1 x 400 mL	2 x 50 mL	500	Std Inc, WR
A15/A25 Dedicated	12513	5 x 40 mL	5 x 10 mL	250	
BA Dedicated	21511	8 x 60 mL	8 x 15 mL	600	
	23511	2 x 60 mL	2 x 15 mL	150	
CALCIUM-MTB					
Metihylthymol Blue					
Multipurpose	11527	2 x 50 mL	2 x 50 mL	200	Std Inc, WR
	11507	1 x 250 mL	1 x 250 mL	500	Std Inc, WR
CARBON DIOXIDE (CO2)					
Phosphoenolpyruvate Carboxylase/ Malate Dehydrogenase					
Multipurpose	11827	1 x 200 mL	-	200	
A15/A25 Dedicated	11558	1 x 50 mL	-	50	
BA Dedicated	21558	2 x 60 mL	-	120	

Test	Code	RA	RB	mL/Kit	
CHOLESTEROL					
Cholesterol Oxidase/Peroxidase					
Multipurpose	11805	1 x 50 mL	-	50	Std Inc
	11505	1 x 200 mL	-	200	Std Inc
	11506	1 x 500 mL	-	500	Std Inc
	11539	1 x 1000 mL	-	1000	Std Inc
A15/A25 Dedicated	12505	10 x 50 mL	-	500	
BA Dedicated	21505	10 x 60 mL	-	600	
	23505	4 x 60 mL	-	240	
CHOLESTEROL LDL DIRECT					
Detergent					
Multipurpose	11585	1 x 60 mL	1 x 20 mL	80	
A15/A25 Dedicated	12585	3 x 20 mL	1 x 20 mL	80	
BA Dedicated	21585	2 x 60 mL	2 x 20 mL	160	
	23585	1 x 60 mL	1 x 20 mL	80	
CHOLESTEROL HDL DIRECT					
Detergent					
Multipurpose	11557	1 x 60 mL	1 x 20 mL	80	
A15/A25 Dedicated	12557	3 x 20 mL	1 x 20 mL	80	
BA Dedicated	21557	2 x 60 mL	2 x 20 mL	160	
	23557	1 x 60 mL	1 x 20 mL	80	
CHOLESTEROL HDL					
Phosphotungstate/ Mg+2-Cholesterol Oxidase/ Peroxidase Reagent + Precipitant					
Multipurpose	11523	2 x 50 mL	2 x 50 mL	200	Std Inc
CHOLESTEROL HDL PRECIPITATING REAGENT					
Phosphotungstate/ Mg+2 Precipitant					
Multipurpose	11648	1 x 50 mL	-	50	Std Inc
CHOLESTEROL LDL PRECIPITATING REAGENT					
Polyvinyl Sulphate/ Polyethyleneglycol Precipitant					
Multipurpose	11579	1 x 20 mL	-	20	
CHOLINESTERASE (CHE)					
Butyrylthiocholine					
Multipurpose	11588	1 x 40 mL	1 x 10 mL	50	WR
	11589	4 x 40 mL	4 x 10 mL	200	WR
A15/A25 Dedicated	12588	1 x 40 mL	1 x 10 mL	50	WR
BA Dedicated	21588	2 x 60 mL	2 x 15 mL	150	
CITRATE					
Citrate Lyase/ Malate Dehydrogenase					
A15/A25 Dedicated	11895	1 x 20 mL	1 x 5 mL	25	RB + Std Inc
	11795	2 x 20 mL	2 x 5 mL	50	RB + Std Inc
BA Dedicated	23795	2 x 20 mL	2 x 5 mL	50	RB + Std Inc
COMPLEMENT COMPONENT C3					
Immunoturbidimetric assay					
Multipurpose	31084	1 x 20 mL	-	20	
	31073	1 x 50 mL	-	50	
	31079	1 x 250 mL	-	250	
A15/A25 Dedicated	13084	1 x 50 mL	-	50	
BA Dedicated	23103	1 x 60 mL	1 x 15 mL	75	
COMPLEMENT COMPONENT C4					
Immunoturbidimetric assay					
Multipurpose	31085	1 x 20 mL	-	20	
	31074	1 x 50 mL	-	50	
	31080	1 x 250 mL	-	250	
A15/A25 Dedicated	13085	1 x 50 mL	-	50	
BA Dedicated	23104	1 x 60 mL	1 x 15 mL	75	

Biochemistry reagents

Test	Code	RA	RB	mL/Kit	
C-REACTIVE PROTEIN (CRP)					
Immunoturbidimetric latex assay					
Multipurpose	31321	1 x 16 mL	1 x 4 mL	20	WR
	31921	1 x 40 mL	1 x 10 mL	50	WR
	31029	2 x 160 mL	2 x 40 mL	400	WR
A15/A25 Dedicated	13921	2 x 40 mL	2 x 10 mL	100	WR
BA Dedicated	22921	4 x 60 mL	4 x 15 mL	300	
	23921	1 x 60 mL	1 x 15 mL	75	
C-REACTIVE PROTEIN hs (CRP-hs)					
Immunoturbidimetric latex assay, High Sensitivity					
Multipurpose	31927	1 x 40 mL	1 x 10 mL	50	WR
A15/A25 Dedicated	13927	1 x 40 mL	1 x 10 mL	50	WR
BA Dedicated	22927	2 x 60 mL	2 x 15 mL	150	
	23927	1 x 60 mL	1 x 15 mL	75	
C-REACTIVE PROTEIN-er (CRP-er)					
Immunoturbidimetric latex assay, Extended Range					
BA Dedicated	22942	2 x 60 mL	2 x 15 mL	150	
	23942	1 x 60 mL	1 x 15 mL	75	
CREATINE KINASE (CK)					
IFCC					
Multipurpose	11790	1 x 40 mL	1 x 10 mL	50	WR
	11791	4 x 40 mL	4 x 10 mL	200	WR
	12524	3 x 12 mL	1 x 10 mL	45	WR
A15/A25 Dedicated	21790	2 x 60 mL	2 x 15 mL	150	
BA Dedicated	23790	1 x 60 mL	1 x 15 mL	75	
CREATINE KINASE-MB (CK-MB)					
Immunoinhibition					
Multipurpose	11792	1 x 40 mL	1 x 10 mL	50	WR
A15/A25 Dedicated	12566	3 x 12 mL	1 x 10 mL	45	WR
BA Dedicated	21792	2 x 60 mL	2 x 15 mL	150	
	23792	1 x 60 mL	1 x 15 mL	75	
CREATININE					
Jaffé-compensated					
Multipurpose	11802	1 x 50 mL	1 x 50 mL	100	Std Inc, WR
	11502	2 x 50 mL	2 x 50 mL	200	Std Inc, WR
	11542	1 x 500 mL	1 x 500 mL	1000	Std Inc, WR
	12502	5 x 50 mL	5 x 50 mL	500	WR
	21502	5 x 60 mL	5 x 60 mL	600	
BA Dedicated	23502	5 x 20 mL	5 x 20 mL	200	
	CREATININE ENZYMATIC				
Enzymatic					
Multipurpose	11734	1 x 60 mL	1 x 20 mL	80	Std Inc
A15/A25 Dedicated	12734	1 x 45 mL	1 x 15 mL	60	
BA Dedicated	21734	2 x 60 mL	2 x 20 mL	160	
D-DIMER					
Phosphoenolpyruvate Carboxylase/Malate					
BA Dedicated	21519	1 x 40 mL	1 x 10 mL	50	
ETHANOL					
Alcohol Dehydrogenase					
A15/A25 Dedicated	12789	1 x 20 mL	1 x 7 mL	27	
BA Dedicated	21789	2 x 20 mL	2 x 7 mL	54	
FERRITIN					
Immunoturbidimetric latex assay					
Multipurpose	31934	1 x 10 mL	1 x 5 mL	15	WR
	31935	1 x 30 mL	1 x 15 mL	45	WR
	13934	1 x 30 mL	1 x 15 mL	45	WR
	22934	2 x 40 mL	2 x 20 mL	120	
	23934	1 x 40 mL	1 x 20 mL	60	

NEW

Test	Code	RA	RB	mL/Kit	
FIBRINOGEN Immunoturbidimetric assay					
Multipurpose	31600	1 x 40 mL	1 x 10 mL	50	
A15/A25 Dedicated	13600	1 x 40 mL	1 x 10 mL	50	
BA Dedicated	22804	2 x 60 mL	2 x 15 mL	150	
	23804	1 x 60 mL	1 x 15 mL	75	
FRUCTOSAMINE NBT					
Multipurpose	11046	2 x 50 mL	-	100	Std Inc
FRUCTOSE Hexokinase/ Phosphoglucose Isomerase					
A15/A25 Dedicated	11794	1 x 40 mL	1 x 10 mL	50	Std Inc, WR
BA Dedicated	23794	1 x 60 mL	1 x 15 mL	75	Std Inc
γ-GLUTAMYL TRANSFERASE (γ-GT) IFCC					
Multipurpose	11584	1 x 40 mL	1 x 10 mL	50	WR
	11520	1 x 160 mL	1 x 40 mL	200	WR
A15/A25 Dedicated	12520	5 x 40 mL	5 x 10 mL	250	WR
BA Dedicated	21520	4 x 60 mL	4 x 15 mL	300	
	23520	2 x 60 mL	2 x 15 mL	150	
GLUCOSE Glucose Oxidase/ Peroxidase	 				
Multipurpose	11803	1 x 50 mL	-	50	Std Inc
	11503	1 x 200 mL	-	200	Std Inc
	11504	1 x 500 mL	-	500	Std Inc
	11538	1 x 1000 mL	-	1000	Std Inc
A15/A25 Dedicated	12503	10 x 50 mL	-	500	
BA Dedicated	21503	10 x 60 mL	-	600	
	23503	4 x 60 mL	-	240	
GLUCOSE-HEXOKINASE Hexokinase	 				
Multipurpose	11656	1 x 160 mL	1 x 40 mL	200	Std Inc, WR
A15/A25 Dedicated	12756	2 x 40 mL	2 x 10 mL	100	
BA Dedicated	21656	4 x 60 mL	4 x 15 mL	300	
	23656	1 x 60 mL	1 x 15 mL	75	
HEMOGLOBIN A1C-DIRECT (HbA1C-DIR) Immunoturbidimetric latex assay					
Multipurpose	31047	1 x 50 mL	1 x 10 mL	60	
A15/A25 Dedicated	13047	1 x 50 mL	1 x 10 mL	60	
BA Dedicated	22047	2 x 60 mL	2 x 12 mL	144	
	22147	1 x 60 mL	1 x 12 mL	72	
HOMOCYSTEINE Enzymatic Cycling					
A15/A25 Dedicated	12737	1 x 40 mL	1 x 10.8 mL	50.8	
BA Dedicated	21737	1 x 60 mL	1 x 16.2 mL	76.2	
	23737	1 x 20 mL	1 x 5.4 mL	25.4	
IMMUNOGLOBULIN A (IgA) Immunoturbidimetric assay					
Multipurpose	31082	1 x 20 mL	-	30	
	31071	1 x 50 mL	-	50	
	31077	1 x 250 mL	-	250	
A15/A25 Dedicated	13082	1 x 50 mL	-	50	
BA Dedicated	23101	1 x 60 mL	1 x 15 mL	75	

Biochemistry reagents

Test	Code	RA	RB	mL/Kit	
IMMUNOGLOBULIN G (IgG)					
Immunoturbidimetric assay					
Multipurpose	 31081	1 x 20 mL	-	20	
	31070	1 x 50 mL	-	50	
	31076	1 x 250 mL	-	250	
A15/A25 Dedicated	13081	1 x 50 mL	-	50	
BA Dedicated	23100	1 x 60 mL	1 x 15 mL	75	
IMMUNOGLOBULIN M (IgM)					
Immunoturbidimetric assay					
Multipurpose	 31083	1 x 20 mL	-	20	
	31072	1 x 50 mL	-	50	
	31078	1 x 250 mL	-	250	
A15/A25 Dedicated	13083	1 x 50 mL	-	50	
BA Dedicated	23102	1 x 60 mL	1 x 15 mL	75	
IRON-CHROMAZUROL					
Chromazurol B					
Multipurpose	  11546	4 x 50 mL	-	200	Std Inc
IRON-FERROZINE					
Ferrozine					
Multipurpose	  11509	4 x 40 mL	4 x 10 mL	200	Std Inc, WR
A15/A25 Dedicated	12509	5 x 40 mL	5 x 10 mL	250	
BA Dedicated	21509	4 x 60 mL	4 x 15 mL	300	
	23509	2 x 60 mL	2 x 15 mL	150	
KAPPA					
Immunoturbidimetric assay					
Multipurpose	  31216	1x16mL	1x4mL	20mL	
A15/A25 Dedicated	13216	1x40mL	1x10mL	50mL	
BA Dedicated	22216	1x10mL	1x10mL	50mL	
LAMBDA					
Immunoturbidimetric assay					
Multipurpose	  31217	1x16mL	1x4mL	20mL	
A15/A25 Dedicated	13217	1x40mL	1x10mL	50mL	
BA Dedicated	22217	1x10mL	1x10mL	50mL	
LACTATE					
Lactate Oxidase/ Peroxidase					
Multipurpose	 11736	1 x 40 mL	1 x 10 mL	50	WR
A15/A25 Dedicated	12736	2 x 40 mL	2 x 10 mL	100	
BA Dedicated	21736	4 x 60 mL	4 x 15 mL	300	
	23736	1 x 60 mL	1 x 15 mL	75	
LACTATE DEHYDROGENASE (LDH)					
Pyruvate					
Multipurpose	   11580	1 x 40 mL	1 x 10 mL	50	WR
	11581	1 x 160 mL	1 x 40 mL	200	WR
A15/A25 Dedicated	12580	5 x 40 mL	5 x 10 mL	250	WR
BA Dedicated	21580	8 x 60 mL	8 x 15 mL	600	
	23580	4 x 60 mL	4 x 15 mL	300	
LACTATE DEHYDROGENASE (LDH)-IFCC					
IFCC					
Multipurpose	   11587	1 x 160 mL	1 x 40 mL	200	WR
A15/A25 Dedicated	11586	1 x 40 mL	1 x 10 mL	50	WR
BA Dedicated	21586	8 x 60 mL	8 x 15 mL	600	
	23586	2 x 60 mL	2 x 15 mL	150	
LIPASE					
Color					
Multipurpose	 11793	1 x 50 mL	1 x 10 mL	60	Std Inc
A15/A25 Dedicated	12793	2 x 20 mL	1 x 8 mL	48	
BA Dedicated	23793	1 x 50 mL	1 x 10 mL	60	

Test	Code	RA	RB	mL/Kit	
MAGNESIUM					
Xylidyl Blue					
Multipurpose	11797	4 x 40 mL	4 x 10 mL	200	Std Inc, WR
A15/A25 Dedicated	12797	5 x 16 mL	2 x 10 mL	100	WR
BA Dedicated	21797	2 x 60 mL	2 x 15 mL	150	
	23797	1 x 60 mL	1 x 15 mL	75	
OXALATE					
Oxalate Oxidase/ Peroxidase					
A15/A25 Dedicated	12539	1 x 20 mL	1 x 5 mL	25 (20 tubes)	Std Inc, RB
Pretreatment Reagents	11839	-	-	100 tubes	
BA Dedicated (w/o tubes)	23539	1 x 20 mL	1 x 5 mL	25	Std Inc, RB
PHOSPHORUS					
Phosphomolybdate/ UV					
Multipurpose	11508	3 x 40 mL	1 x 50 mL	170	Std Inc, WR
A15/A25 Dedicated	12508	3 x 24 mL	2 x 15 mL	100	
BA Dedicated	21518	4 x 50 mL	4 x 20 mL	280	
	23518	1 x 50 mL	1 x 20 mL	70	
PREALBUMIN					
Immunoturbidimetric assay					
Multipurpose	31929	1 x 50 mL	-	50	
BA Dedicated	23106	1 x 60 mL	1 x 15 mL	75	
PROTEIN (TOTAL)					
Biuret					
Multipurpose	11800	1 x 50 mL	-	50	Std Inc
	11572	1 x 250 mL	-	250	Std Inc
	11500	2 x 250 mL	-	500	Std Inc
	11553	1 x 1000 mL	-	1000	Std Inc
A15/A25 Dedicated	12500	10 x 50 mL	-	500	
BA Dedicated	21513	2 x 60 mL	2 x 20 mL	160	
	23513	1 x 60 mL	1 x 20 mL	80	
PROTEIN (URINE+CSF)					
Pyrogallol Red					
Multipurpose	11501	4 x 50 mL	-	200	Std Inc
	11559	2 x 250 mL	-	500	Std Inc
A15/A25 Dedicated	12501	5 x 50 mL	-	250	Std Inc
BA Dedicated	21512	8 x 20 mL	-	160	
	23512	4 x 20 mL	-	80	
RHEUMATOID FACTORS (RF)					
Immunoturbidimetric latex assay					
Multipurpose	31322	1 x 16 mL	1 x 4 mL	20	
	31922	1 x 40 mL	1 x 10 mL	50	
	31030	2 x 160 mL	2 x 40 mL	400	
A15/A25 Dedicated	13922	1 x 40 mL	1 x 10 mL	50	
BA Dedicated	22922	4 x 60 mL	4 x 15 mL	300	
	23922	1 x 60 mL	1 x 15 mL	75	
TOTAL BILE ACIDS					
Enzymatic Cycling					
A15/A25 Dedicated	12551	1 x 18 mL	1 x 6 mL	24	Std Inc
BA Dedicated	21551	2 x 60 mL	2 x 20 mL	160	
	23551	1 x 60 mL	1 x 20 mL	80	
TOTAL IRON BINDING CAPACITY (TIBC)					
Fe3+ / Magnesium Hydroxide Carbonate Precipitating					
Multipurpose	11554	50 mL	3 g	50	

Biochemistry reagents

Test	Code	RA	RB	mL/Kit	
TRANSFERRIN					
Immunoturbidimetric assay					
Multipurpose	31091	1 x 20 mL	-	20	
	31092	1 x 50 mL	-	50	
	31093	1 x 250 mL	-	250	
A15/A25 Dedicated	13091	1 x 50 mL	-	50	
BA Dedicated	22105	2 x 60 mL	2 x 15 mL	150	
	23105	1 x 60 mL	1 x 15 mL	75	
TRIGLYCERIDES					
Glycerol Phosphate Oxidase/ Peroxidase					
Multipurpose	11828	1 x 50 mL	-	50	Std Inc
	11528	4 x 50 mL	-	200	Std Inc
	11529	2 x 250 mL	-	500	Std Inc
A15/A25 Dedicated	12528	10 x 50 mL	-	500	
BA Dedicated	21528	10 x 60 mL	-	600	
	23528	4 x 60 mL	-	240	
UNSATURATED IRON BINDING CAPACITY (UIBC)					
Ferrozine					
Multipurpose	11835	1 x 40 mL	1 x 10 mL	50	
A15/A25 Dedicated	12835	1 x 40 mL	1 x 10 mL	50	
BA Dedicated	21835	2 x 60 mL	2 x 15 mL	150	
UREA/ BUN-COLOR					
Urease/ Salicylate					
Multipurpose	11536	2 x 50 mL	2 x 50 mL	200	Std Inc, RA
	11537	1 x 250 mL	1 x 250 mL	500	Std Inc, RA
UREA/ BUN-UV					
Urease/ Glutamate Dehydrogenase					
Multipurpose	11516	4 x 40 mL	4 x 10 mL	200	Std Inc, WR
	11517	2 x 200 mL	2 x 50 mL	500	Std Inc, WR
	11541	1 x 800 mL	1 x 200 mL	1000	Std Inc, WR
A15/A25 Dedicated	12516	5 x 40 mL	5 x 10 mL	250	WR
BA Dedicated	21516	8 x 60 mL	8 x 15 mL	600	
	23516	4 x 60 mL	4 x 15 mL	300	
URIC ACID					
Uricase/Peroxidase					
Multipurpose	11821	1 x 50 mL	-	50	Std Inc
	11521	1 x 200 mL	-	200	Std Inc
	11522	1 x 500 mL	-	500	Std Inc
	11540	1 x 1000 mL	-	1000	Std Inc
A15/A25 Dedicated	12521	10 x 50 mL	-	500	
BA Dedicated	21521	10 x 60 mL	-	600	
	23521	4 x 60 mL	-	240	
ZINC					
Bromo-PAPS					
A15/A25 Dedicated	12526	2 x 20 mL	1 x 10 mL	50	Std Inc, RA

Microcolumn Chromatography

Code	Quantity	Comments
5-AMINOLEVULINIC ACID (ALA)/ PORPHOBILINOGEN (PBG) 11017	40 tests	EHRlich REAGENT ALA Standard included
HEMOGLOBIN A2 11077	20 tests	ION EXCHANGE
5-HYDROXYINDOLEACETIC ACID (5-HIAA) 11010	40 tests	NITROSE NAFTOL Standard included
17-HYDROXYCORTICOSTEROIDS (17-OH) 11006	40 tests	PORTER-SILBER Standard included
17-KETOSTEROIDS 11002	40 tests	ZIMMERMANN Standard included
METANEPHRINES 11022	40 tests	PISANO Standard included
VANILMANDELIC ACID 11003	20 tests	PERIODATE Standard included



Calibrators & Standards

Code	Quantity	Components
ADENOSINE DEAMINASE (ADA) 18052	1 x 1 mL	Adenosine Deaminase (ADA)
ALBUMIN (MICROALBUMINURIA) 31130	1 x 1 mL	Albumin (Microalbuminuria)
AMMONIA, ETHANOL, CO2 18065	2 x 5 mL	Ammonia, Ethanol, Carbon Dioxide
ANTI-STREPTOLYSIN O (ASO) 31119	1 x 1 mL	Anti-Streptolysin O (ASO)
APOLIPOPROTEIN A-I 31100	1 x 1 mL	Apolipoprotein A-I
APOLIPOPROTEIN B 31200	1 x 1 mL	Apolipoprotein B
β2-MICROGLOBULIN 31122	1 x 1 mL	β2-Microglobulin
BIOCHEMISTRY (BOVINE) 18011	5 x 5 mL	ACE, ACP, Albumin, ALP, ALT/GPT, AST/GOT, α-Amylase, β-hydroxybutyrate, Total Bilirubin, Calcium, Cholesterol, Chloride, CK, Creatinine, Direct Bilirubin, Iron, Lactate, LDH, Lipase, Glucose, α-GT, Magnesium, Phosphorus, Potassium, Sodium, Total Bile Acids, Total Protein, Triglycerides, UIBC, Urea, Uric acid, and Zinc.
BIOCHEMISTRY (HUMAN) 18044	5 x 5 mL	ACE, ACP, Albumin, ALP, ALT/GPT, AST/GOT, α-Amylase, α-Amylase Pancreatic, β-hydroxybutyrate, Direct Bilirubin, Direct HDL-Cholesterol, Direct LDL-Cholesterol, Total Bilirubin, Creatinine, Calcium, Chloride, CK, α-GT, Cholesterol, Lactate, LDH, Lipase, Cholinesterase, Glucose, Iron, Triglycerides, Magnesium, Phosphorus, Potassium, Total Protein, Sodium, UIBC, Urea, Uric acid, and Zinc.
BILIRUBIN 11513	1 x 5 mL	Bilirubin
CHOLESTEROL HDL/LDL 11693	1 x 1 mL	HDL Cholesterol Direct/ LDL Cholesterol Direct
CREATININE KINASE-MB (CK-MB) 11824	1 x 1 mL	CK-MB
C-REACTIVE PROTEIN (CRP/CRP-hs) 31113	1 x 1 mL 1 x 5 mL	CRP CRP-hs
C-REACTIVE PROTEIN (CRP-er) 31182	1 x 3 mL	CRP-er
D-DIMER 18077	1 x 3 mL	D-Dimer
FERRITIN 31127	1 x 3 mL	Ferritin
FIBRINOGEN 31601	1 x 1 mL	Fibrinogen

NEW

Code	Quantity	Components
HbA1C-DIRECT 31048	4 x 0.5 mL	HbA1C
HOMOCYSTEINE 11750	5 x 1 mL	Homocysteine
KAPPA/LAMBDA CALIBRATOR 18070	5 x 1 mL	Kappa Light Chains and Lamda Light Chains
PROTEIN 31075	5 x 1 mL	Set of five Levels. α 1-Acid Glycoprotein, Antithrombin III, IgA, IgG, IgM, Complement C3 and C4, Prealbumin and Transferrin.
PROTEIN (URINE) 11603	1 x 5 mL	Protein (Urine)
RHEUMATOID FACTORS (RF) 31116	1 x 3 mL	Rheumatoid Factor (RF)

Internal Controls

Code	Quantity	Components
ADA 18048	2 x 1 mL	LEVEL I and II Adenosine Deaminase
AMMONIA, ETHANOL, CO2 18063	3 x 5 mL	LEVEL I Ammonia, Ethanol, Carbon Dioxide
18064	3 x 5 mL	LEVEL II
BIOCHEMISTRY SERUM 18009	5 x 5 mL	LEVEL I ACE, ACP, Albumin, ALP, ALT/GPT, AST/GOT, α -Amylase, β -hydroxybutyrate, Direct and Total Bilirubin, , Calcium, Chloride, Cholesterol, HDL- Cholesterol, CK, Creatinine, Glucose, γ -GT, Iron, LDH, Lactate, Lipase, Magnesium, Phosphorus, Potassium, Protein Total, Sodium, Total Bile Acids, Triglycerides, UIBC, Urea, Uric acid and Zinc.
18005	20 x 5 mL	
18010	5 x 5 mL	LEVEL II
18007	20 x 5 mL	
BIOCHEMISTRY SERUM (HUMAN) 18042	5 x 5 mL	LEVEL I ACE, ACP, Albumin, ALP, ALT/GPT, AST/GOT, α -Amylase, α -Amylase Pancreatic, β -hydroxybutyrate, Direct and Total Bilirubin, Calcium, Chloride, Cholesterol, Direct Cholesterol-HDL, Direct Cholesterol-LDL, Cholinesterase, CK, Creatinine, Glucose, γ -GT, Iron, Lactate, LDH, Lipase, Magnesium, Phosphorus, Potassium, Protein total, Sodium, Triglycerides, UIBC, Urea, Uric acid and Zinc.
18043	5 x 5 mL	LEVEL II
BIOCHEMISTRY URINE 18054	1 x 5 mL	LEVEL I Albumin, α -Amylase, α -Amylase Pancreatic, Calcium, Chloride, Citrate, Creatinine, Glucose, Magnesium, Phosphorus, Potassium, Protein urine, Sodium, Urea and Uric acid.
18066	1 x 5 mL	LEVEL II

Controls

Code	Quantity	Components
β2-MICROGLOBULIN		
31592	2 x 1 mL	LEVEL I and II β2-Microglobulin
β2-MICROGLOBULIN URINE		
31215	1 x 3 mL	β2-Microglobulin
CREATININE KINASE-MB		
18024	1 x 1 mL	LEVEL I CK, and CK-MB
18061	1 x 1 mL	LEVEL II
CONTROL URINE		
18036	1 x 20 mL	Albumin, 5-Aminolevulinic Acid
18037	10 x 20 mL	(ALA), 5-Hydroxyindolacetic acid, 17-Hydroxycorticosteroids, 17-Ketosteroids, Metanephrines, Protein and Vanilmandelic acid.
D-DIMER		
18078	2 x 1 mL	LEVEL I and II D-Dimer
FERTILITY BIOCHEMISTRY		
18053	1 x 1 mL	Citrate, Fructose and Zinc
FIBRINOGEN		
31602	1 x 1mL	Fibrinogen
FRUCTOSAMINE		
18057	1 x 1 mL	Fructosamine
HEMOGLOBIN A1C		
18001	1 x 0.5 mL	NORMAL HbA1c Direct turbidimetry
18002	1 x 0.5 mL	ELEVATED
HEMOGLOBIN A2		
10011	1 x 0.5 mL	ELEVATED HbA2 Chromatography
HOMOCYSTEINE		
18058	1 x 1 mL	LEVEL I Homocysteine
18059	1 x 1 mL	LEVEL II
LIPID SERUM		
18040	3 x 1 mL	LEVEL I Apolipoprotein A-I, Apolipoprotein B, Cholesterol, Cholesterol-HDL, Cholesterol-LDL and Triglycerides
18041	3 x 1 mL	LEVEL II
OXALATE URINE		
18080	1 x 5 mL	LEVEL I Oxalate
18041	1 x 5 mL	LEVEL II
PROTEIN SERUM		
31211	3 x 1 mL	LEVEL I α1-Acid Glycoprotein, Antithrombin III, Complement C3 and C4, C-Reactive Protein-hs, Ferritin, IgA, IgG, IgM, Prealbumin, Transferrin, Kappa Light Chains and Lambda Light Chains
31212	3 x 1 mL	LEVEL II
RHEUMATOID SERUM		
31213	3 x 1 mL	LEVEL I Anti-Streptolysin O, C-Reactive Protein, Rheumatoid Factors, CRPer
31214	3 x 1 mL	LEVEL II

External Quality Control

PREVECAL

www.prevecal.net

International External Quality Assessment Scheme

- ▶ Yearly program for the comparison of results between laboratories.
- ▶ Monthly measurements of different control materials
- ▶ The final report summarises all monthly reports and shows additional data on performance and capability
- ▶ 6-sigma quality management for the assessment for each measurement procedure of the laboratory
- ▶ On-line participation through www.prevecal.net
- ▶ Accredited by ISO 17043

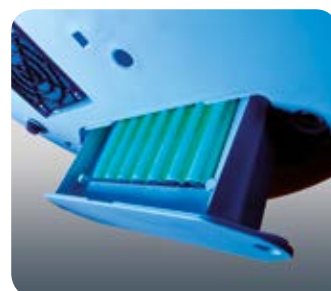
Clinical Chemistry

Code	Quantity	Components
PREVECAL BIOCHEMISTRY (BOVINE)		
18027	12 x 5 mL	ACP, Albumin, ALP, ALT/GPT, AST/GOT, α-Amylase, Total Bilirubin, Calcium, Chloride, Cholesterol, HDL-Cholesterol, Cholinesterase, CK, Creatinine, Glucose, γ-GT, Iron, Lactate LDH, Lipase, Magnesium, Phosphorus, Potassium, Proteins, Sodium, Triglycerides, Urea and Uric acid.
PREVECAL BIOCHEMISTRY HUMAN		
18045	12 x 5 mL	ALT, Albumin, α-Amylase, α-Amylase Pancreatic, AST, Direct and Total Bilirubin, Calcium, (human sera) Chloride, Cholesterol, Cholinesterase, HDL-Cholesterol, CK, Creatinine, ACP, ALP, Phosphorus, Glucose, γ-GT, Iron, Lactate LDH, LDL-Cholesterol, Lipase, Magnesium, Potassium, Proteins, Sodium, Triglycerides, Uric Acid and Urea.
PREVECAL RHEUMA		
31009	12 x 1 mL	Anti-streptolysin O, C-reactive Protein and Rheumatoid Factors (human sera).
PREVECAL PROTEINS		
31010	12 x 1 mL	α1-Acid Glycoprotein, CRP-hs, Immunoglobulins (A, G and M), Complements C3 (human sera) and C4, Ferritin, Prealbumin and Transferrin.
PREVECAL URINE		
18067	12 x 5 mL	Albumin, α-Amylase, α-Amylase Pancreatic, Calcium, Chloride, Citrate, Creatinine, Glucose, Magnesium, Phosphorus, Potassium, Protein Urine, Sodium, Urea and Uric Acid.

All kits include general instructions and cards for results.

ISO 17043 — ACCREDITED

Instruments



Code 80175

Semi-Automatic Analyzer LED Technology

- ▶ LED configuration: 340, 405, 505, 535, 560, 600, 635, 670 nm, (optional: 450 nm).
- ▶ Durable, humidity proof Hard Coated Filters.
- ▶ Battery Power Pack (2hrs)-OPTIONAL (AC14773).
- ▶ Photometric Range 0.0-3.5A for all wavelengths.
- ▶ Flow Cuvette 18 μ L (macro, semi-micro and microcuvette).
- ▶ Levy-Jennings QC chart (based on Westgard's Rules).
- ▶ Calibration by Factor, single calibrator or calibration curve.
- ▶ Maximum power of 30 W. (minimal energy consumption).
- ▶ USB Port to export data (results and graphs).
- ▶ The lowest maintenance.



Instruments



A15

Random Access Analyzer

- ▶ Continuous loading of samples during working session (STAT samples).
- ▶ Innovative design and functional robustness.
- ▶ Low water consumption, less than 0.5 L/ hour.
- ▶ Throughput of 150 tests/hour.
- ▶ Real prozone detection function.
- ▶ Primary tubes and pediatric vials in any position.
- ▶ Maximum flexibility in the positioning of samples and reagents.
- ▶ Minimum reading volume of 180 μ L.
- ▶ Clinical Chemistry and Turbidimetry dedicated reagents.
- ▶ Filter configuration 340, 405, 505, 535, 560, 600, 635, 670 nm (adaptable).

Code 83105

Optional configurations

A15 with cooling system for 20 refrigerated reagents positions

Code 83105 C

Instruments



Code 83101-V2

Random Access Analyzer

- ▶ Throughput of 240 tests/hour.
- ▶ Clinical Chemistry and Turbidimetry dedicated reagents.
- ▶ 30 refrigerated positions by 20 and 50 mL reagents bottles.
- ▶ Flexibility in positioning with polyvalent (sample and reagent) racks.
- ▶ Real prozone detection function non lot dependent.
- ▶ Unlimited STAT capabilities. Run at any time.
- ▶ Minimum reading volume of 180 µL.
- ▶ Filter configuration 340, 405, 505, 535, 560, 600, 635, 670 nm (adaptable).
- ▶ Automatic conditioning of fluid system.

Consumables A15/A25

Code	Quantity	Description
BO11524	1000 mL	Concentrated system liquid
BO13416	100 mL	Concentrated washing solution
AC11485	10 uds.	Reaction rotor
A1K110	1 unit	Power Supply Unit, 110V
A1K220	1 unit	Power Supply Unit, 220V
AC17200	4 x 20 mL	Acid Washing Solution (WS1)
AC10770	1000 units	Sample wells (pediatric cups)
BO11493	10 units	Reagent bottles 50 mL + caps
BO11494	10 units	Reagent bottles 20 mL + caps
BO13442	10 units	Amber reagent bottles 50 mL + caps
LA10418	5 units	Halogen lamp A25 12V/20W
LA10429	5 units	Halogen lamp A15 6V/10W
AC14681	1 unit	External barcode reader



BA200 LED TECHNOLOGY

Random Access Analyzer

Code 83200

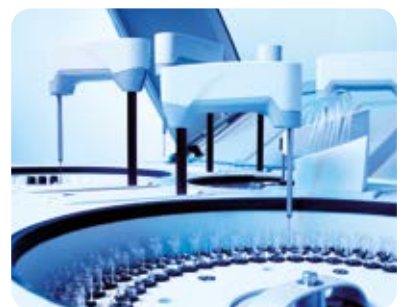
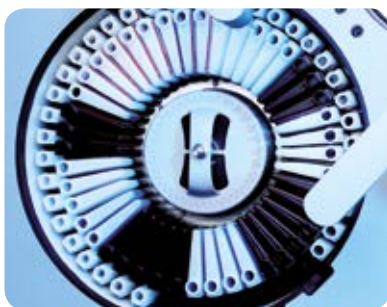
- ▶ STAT and Routine Laboratories Benchtop Random Clinical Chemistry Analyzer.
- ▶ Dynamic Baseline with SMART LED Technology.
- ▶ High reagent and sample capacity (88 positions), the highest grade in flexibility.
- ▶ Barcoded dedicated reagents.
- ▶ Highly accurate dispensing.
- ▶ 120 - cuvette rotor with washing station.
- ▶ Compact system with low maintenance.
- ▶ Real 200 t/h, even with bi reagent reactions.



Accessories BA200

Code	Quantity	Description
AC17346	1 unit	Wheeled table + computer support
AC17345	1 unit	Wheeled table

Instruments



Random Access Analyzer

- ▶ Throughput of 400 test/hour (Clinical Chemistry and Turbidimetry).
- ▶ Optical system based on LED technology that assures unlimited lifetime avoiding lamp replacement and improving sensitivity.
- ▶ Photometric range up to 3.5 Abs and optical resolution of 0.0001 Abs.
- ▶ Capacity up to 135 sample positions (90 samples with barcode).
- ▶ 88 Cooling reagents on board (5 - 8°C) by 20 and 60 mL dedicated reagent bottles.
- ▶ Easy STAT samples positioning.
- ▶ Non fixed positions for samples, control, calibrator nor STAT.
- ▶ Barcode readers for sample and reagents.
- ▶ ISE module, Na⁺, K⁺, Cl⁻, Li⁺ (optional).
- ▶ Minimum user maintenance.
- ▶ Less than 14 L/h water consumption and energy-efficient management (500 VA).
- ▶ Capacity to fully integrate into LIS (ASTM, HL7).
- ▶ Compact system with no peripherals (external bottles, pumps/ compressors, weighing scales, additional tubes, etc.).



**reddot award 2014
winner**

Red Dot Award for
high design quality

Consumables and accessories BA200/BA400

Code	Presentation	Description
AC11485	10 units	Reaction rotors
AC16434	500 mL	Concentrated washing solution
A1K1500	1 unit	Power Supply Unit 1500 VA
AC10770	1000 units	Sample wells (Pediatric cups)
AC16362	10 units	Reagent bottles 60 mL + caps
AC16363	10 units	Reagent bottles 20 mL + caps
AC16364	10 units	Amber reagent bottles 60 mL + caps
AC16365	10 units	Amber reagent bottles 20 mL + caps
AC17201	4 x 20 mL	Acid washing solution (WS1)
AC17205	4 x 15 mL	Alkaline washing solution (WS2)
AC14681	1 unit	External barcode reader

ISE Module	Presentation	Description
5201	1 unit	Sodium Electrode (Na ⁺)
5202	1 unit	Potassium Electrode (K ⁺)
5207	1 unit	Chloride Electrode (Cl ⁻)
5204	1 unit	Reference Electrode
5205	1 unit	Lithium Electrode (Li ⁺)
5420	1 unit	Reagent pack Na ⁺ /K ⁺ /Cl ⁻ /Li ⁺
5412	125 mL	Urine diluent 125 ml
5408	500 mL	Urine diluent 500 ml
5421	1 unit	ISE Cleaning solution Kit
2814	1 unit	Bi-level quality control kit (Na ⁺ /K ⁺ /Cl ⁻ /Li ⁺)
2815	1 unit	Tri-level quality control kit (Na ⁺ /K ⁺ /Cl ⁻ /Li ⁺)

Hematology



Analyzer systems

Microfluidic technology

Hematology Analyzers

- ▶ Low consumption: Only 3 reagents
- ▶ Compact design
- ▶ Full-color touch screen
- ▶ Connectivity: LIS connection; results sent by email



HA5

Code 86103



HA5^{OP}

Code 86203

Complete Hematology system 5-DIFF uses laser based flow cytometry with forward-scattered light detection for WBC, volumetric impedance method for RBC and photometric method for HGB.

- ▶ Sampling mode: closed
- ▶ Processed sample volume : 2x1.4μL
- ▶ Throughput: 60 test/hour
- ▶ 26 parameters, 1 scattergram, 3 histograms

Consumables

Product	Code	Quantity
Reagent pack 5 DIFF 100 test	60126	4.3L
Reagent pack 5 DIFF 400 test	60128	6.3L
Control blood 5 DIFF (level: high, normal,low)	60122	3x3mL

- ▶ Sampling mode: open
- ▶ Processed sample volume : 2x1.4μL
- ▶ Throughput: 57 test/hour
- ▶ 26 parameters, 1 scattergram, 3 histograms

Consumables

Product	Code	Quantity
Reagent pack 5 DIFF OP 100 test	60140	3.78L
Reagent pack 5 DIFF OP 250 test	60141	5.55L
Control blood 5 DIFF (level: high, normal,low)	60122	3x3mL

Analyzer systems

Microfluidic technology



HA3

Code 86003

Complete hematology system 3-DIFF based on the volumetric impedance method.

- ▶ Two operating modes: open/closed
- ▶ Processed sample volume : 2.5µL
- ▶ Throughput: 60t/h in closed mode
- ▶ 22 parameter, 3 histograms

Consumables

Product	Code	Quantity
Reagent pack 3 DIFF 100 test	60110	1.85L
Reagent pack 3 DIFF 500 test	60112	5.45L
Control blood 3 diff (level: high, normal, low)	60109	3x2.5mL
Cleaning solution	60108	100mL

Accessories



HALOADER

Code HA86000

The HALoader is an automatic sample vial loading device. The Autoloader is compatible with HA5 hematology analyzer and it supports the different vial types: **Greiner Vacuette, BD vacutainer y BD MAP.**

- ▶ 60t/h — Throughput
- ▶ 50 samples/tray — Capacity
- ▶ Random access mode
- ▶ Built in sample mixer and barcode reader
- ▶ All operations can be paused at any time

Net weight – 8.5Kg

Coagulation



Reagents & Instruments

Test	Code	Quantity
PROTHROMBIN TIME (PT)		
Rabbit Brain Thromboplastin	61001	4 x 5 mL
ACTIVATED PARTIAL THROMBOPLASTIN TIME (APTT)		
APTT A: Rabbit Brain Cephalin and Micronized Silica	61004	4 x 4 mL
APTT B: CaCl ₂ buffer solution	61005	4 x 16 mL
APTT A + APTT B	61009	4 x 4 mL + 1 x 16 mL
FIBRINOGEN CLAUS		
Human Thrombin	61002	4 x 2 mL
Fibrinogen B: Imidazol buffer solution	61003	4 x 15 mL
Fibrinogen A + Fibrinogen B	61020	4 x 2 mL + 4 x 15 mL
THROMBIN TIME (TT)		
Human Thrombin	61000	4 x 3 mL
COAGULATION CALIBRATOR		
Prothrombin Time (TP) and Fibrinogen Clauss	61006	4 x 1 mL
COAGULATION CONTROL		
LEVEL I: PT, APTT, TT and Fibrinogen Clauss	61007	4 x 1 mL
LEVEL II: PT, APTT and Fibrinogen Clauss	61008	4 x 1 mL



COA X

Semi-automated coagulometers

- ▶ Three models: 1, 2 or 4 optical channels.
- ▶ Prepared for the daily routine and the upcoming requirements.
- ▶ High quality results.

Specifications

Code	85001	85002	85004
Optic channels	1	2	4
Wavelength (mm)	620 (red)	405 (UV)	405 (UV)
Global Coag. Tests	PT, APTT, TT, FIB	PT, APTT, TT, FIB	PT, APTT, TT, FIB
Specific Coag. Tests	-	individual factors	
Latex Tests	D-Dimer	D-Dimer	
Chromogenic Coag. Tests	-	AT,PC	
Display	Color Touch screen display		
Dimensions	230 x 140 x 90 mm (l,b,h)		
Interfaces	RS 232 (2x) Printer, barcode reader		
	USB (2x) Network, Firmware update		



Consumables

Product	
1 box 500 cuvettes	85020

Autoimmunity



Immunofluorescence

Code	Quantity	Description
ANTI-NUCLEAR ANTIBODIES HEp-2 (ANA-HEp-2)		
		<i>HEp-2 cells</i>
44108	24 tests	Complete kit, 6 wells
44508	60 tests	Complete kit, 6 wells
44509	120 tests	Complete kit, 12 wells
44546	10 slides	Slide box, 6 wells
44547	10 slides	Slide box, 12 wells
ANTI-ηDNA ANTIBODIES (ηDNA)		
		<i>Crithidia luciliae</i>
44825	24 tests	Complete kit, 6 wells
44818	60 tests	Complete kit, 6 wells
44817	120 tests	Complete kit, 12 wells
44820	10 slides	Slide box, 6 wells
44819	10 slides	Slide box, 12 wells
ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODIES (ANCA)		
		<i>Ethanol fixed ANCA</i>
44850	24 tests	Complete kit, 6 wells
44851	60 tests	Complete kit, 6 wells
44852	10 slides	Slide box, 6 wells
44911	10 slides	Slide box, 12 wells
		<i>Formalin fixed ANCA</i>
44878	10 slides	Slide box, 6 wells
44898	60 tests	Complete kit, 6 wells
		<i>Methanol fixed ANCA</i>
44895	10 slides	Slide box, 6 wells
ANTI-ENDOMYSIUM ANTIBODIES (AEA)		
		<i>Monkey Esophagus (Endomysium)</i>
44548	48 tests	Complete kit, 4 wells
44715	96 tests	Complete kit, 8 wells
44557	12 slides	Slide box, 4 wells
44710	12 slides	Slide box, 8 wells
AUTOANTIBODIES RL/RK/RS (ANA-AMA-ASMA-APCA-LKM)		
		<i>Rat Liver/Kidney/Stomach</i>
44558	48 tests	Complete kit, 4 wells
44648	96 tests	Complete kit, 8 wells
44570	12 slides	Slide box, 4 wells
44639	12 slides	Slide box, 8 wells
AUTOANTIBODIES MsL/MsK/MsS (ANA-AMA-ASMA-APCA-LKM)		
		<i>Mouse Liver/Kidney/Stomach</i>
44826	12 slides	Slide box, 4 wells
44827	12 slides	Slide box, 8 wells
ANTI-MITOCHONDRIAL ANTIBODIES (AMA)		
		<i>Rat Kidney</i>
44510	48 tests	Complete kit, 4 wells
44514	96 tests	Complete kit, 8 wells
44511	12 slides	Slide box, 4 wells
44515	12 slides	Slide box, 8 wells
ANTI-SMOOTH MUSCLE ANTIBODIES (ASMA)		
		<i>Rat Stomach</i>
44520	48 tests	Complete kit, 4 wells
44524	96 tests	Complete kit, 8 wells
44521	12 slides	Slide box, 4 wells
44525	12 slides	Slide box, 8 wells

Code	Quantity	Description
GLOMERULAR BASEMENT MEMBRANE ANTIBODIES (GBMA)		
		<i>Monkey Kidney</i>
44588	12 slides	Slide box, 4 wells
ANTI-ADRENAL CORTEX ANTIBODIES (AACA)		
		<i>Monkey Adrenal</i>
44574	48 slides	Slide box, 4 wells
44575	12 slides	Slide box, 4 wells
ANTI-STRIATED MUSCLE ANTIBODIES (AStMA)		
		<i>Rat Striated Muscle</i>
44649	12 slides	Slide box, 4 wells
ANTI-ISLET CELL ANTIBODIES (AICA)		
		<i>Monkey Pancreas</i>
44609	48 tests	Complete kit, 4 wells*
44572	12 slides	Slide box, 4 wells
ANTI-THYROID ANTIBODIES (ATA)		
		<i>Monkey Thyroid</i>
44550	48 tests	Complete kit 4 wells
44551	12 slides	Slide box, 4 wells
ANTI-SKIN ANTIBODIES (ASA)		
		<i>Monkey Esophagus</i>
44560	48 tests	Complete kit, 4 wells*
44561	12 slides	Slide box, 4 wells
ANTI-KERATIN ANTIBODIES (AKA)		
		<i>Rat Esophagus</i>
44618	48 tests	Complete kit, 4 wells*
44517	12 slides	Slide box, 4 wells
AUTOANTIBODIES DUO		
44874	60 tests	HEp2/ML. Slide box, 6 wells
TISSUE SLIDES FOR RESEARCH USE ONLY (RUO)		
44571		Monkey Heart
44679		Monkey Stomach
44573		Monkey Ovary
44685		Monkey Sciatic Nerve
44687		Monkey Brain
44684		Monkey Cerebellum
44589		Monkey Hypophysis
44688		Monkey Jejunum
44638		Monkey Submaxillary
44566		Monkey Testicle
44516		Rat Colon
44527		Rat Sciatic Nerve
Conjugates for Monkey tissues		
IgG FITC/Evans (M)		
44847	3.5 mL	Anti-(Monkey adsorbed) IgG FITC conjugate, contains Evans Blue.
44882	10 mL	For use with AEA, GBMA, AICA, ATA, ASA and AACA.
IgG FITC/Evans (M) hs		
44914	3.5 mL	High sensitive Anti-(Monkey absorbed) IgG FITC conjugate, contains Evans Blue.
44915	10 mL	For use with AEA, GBMA, AICA, ATA, ASA and AACA

Immunofluorescence

Code	Quantity	Description
IgA FITC/Evans		
44692	3.5 mL	Anti-IgA FITC conjugate, contains Evans Blue.
44835	10 mL	For use with AEA.

Conjugates for Rat and Mouse tissues

FITC/Evans (R)		
44590	3.5 mL	(Rat adsorbed) Anti-IgG, IgA, IgM FITC conjugate, contains Evans Blue.
44836	10 mL	For use with Autoantibodies Screening, AMA and ASMA.

Conjugates for HEp-2, nDNA and ANCA

IgG FITC/Evans		
44697	3 mL	Anti-IgG FITC conjugate, contains Evans Blue.
44834	10 mL	For use with HEp-2, nDNA, ANCA AStMA and AKA.

Auxiliary Reagents

Miscellaneous		
44846	10 mL	Glycin (for GBMA)
44592	100 mL	PBS (10x)
44694	3 mL	Mounting medium
44897	100 u.	Coverslips (24 x 60 mm)

Immunofluorescence Controls*

44696	0.3 mL	Negative Control
44889	2.0 mL	Negative Control
44502	0.3 mL	Anti-Nuclear Antibodies-Homogeneous Positive Control
44890	2.0 mL	Anti-Nuclear Antibodies-Homogeneous Positive Control
44585	0.3 mL	Anti-Nuclear Antibodies-Centromere Positive Control
44504	0.3 mL	Anti-Nuclear Antibodies-Nucleolar Positive Control
44503	0.3 mL	Anti-Nuclear Antibodies-Speckled Positive Control
44549	0.3 mL	Anti-Endomysium Antibodies IgA Positive Control
44893	2.0 mL	Anti-Endomysium Antibodies IgA Positive Control
44732	0.3 mL	Anti-Endomysium Antibodies IgG Positive Control
44512	0.3 mL	Anti-Mitochondrial Antibodies Positive Control
44891	2.0 mL	Anti-Mitochondrial Antibodies Positive Control
44522	0.3 mL	Anti-Smooth Muscle Antibodies Positive Control
44892	2.0 mL	Anti-Smooth Muscle Antibodies Positive Control
44553	0.3 mL	Anti-Thyroid Antibodies Positive Control
44542	0.3 mL	Anti-nDNA Antibodies Positive Control
44894	2.0 mL	Anti-nDNA Antibodies Positive Control
44854	0.3 mL	C-ANCA Positive Control
44912	2.0 mL	C-ANCA Positive Control
44855	0.3 mL	P-ANCA Positive Control
44913	2.0 mL	P-ANCA Positive Control
44896	0.3 mL	X-ANCA Positive Control

ELISA

Code	Quantity	Description
ANA-SCREENING 44785	96 tests	Purified SSA(Ro), SSB(La), Sm/RNP, RNP (70, A and C), Sm, Scl70, Jo1, dsDNA, ssDNA, nucleosomes, total histones, PMScl 100, Centromere B
ENA 6-SCREENING 44740	96 tests	SSA (Ro), SSB (La), Sm, Sm/RNP, Jo1, Scl70
ENA 4-PROFILE 44775	96 tests	Highly purified SSA, SSB, Sm, Sm/RNP
ENA 6-PROFILE 44910	96 tests	Highly purified SSA (Ro), SSB (La), Sm, Sm/RNP, Jo1, Scl70
ANTI-Sm ANTIBODIES 44755	96 tests	Highly purified human antigen
ANTI-Sm/RNP ANTIBODIES 44770	96 tests	Highly purified human antigen
ANTI-SSA (Ro) ANTIBODIES 44765	96 tests	Highly purified antigen
ANTI-SSB (La) ANTIBODIES 44750	96 tests	Highly purified antigen
ANTI-CENTROMERE B ANTIBODIES (CENP-B) 44865	96 tests	Recombinant antigen
ANTI-Jo1 ANTIBODIES 44864	96 tests	Highly purified antigen
ANTI-Scl70 ANTIBODIES 44863	96 tests	Highly purified antigen
ANTI-HISTONES ANTIBODIES (HIST) 44862	96 tests	Highly purified antigen
ANTI-NUCLEOSOME ANTIBODIES (NCL) 44861	96 tests	Purified antigen
ANTI-dsDNA ANTIBODIES 44705	96 tests	Calf thymus antigen
ANTI-CITRULLINATED PROTEIN ANTIBODIES (ACPA) 44860	96 tests	Highly purified antigen
ANTI-CARDIOLIPIN ANTIBODIES (ACA-IgG/IgM) 44780	96 tests	Highly purified antigen
ANTI-PHOSPHOLIPID ANTIBODIES IgG/IgM (APLA) 44867	96 tests	Mixture of cardiolipin, phosphatidyl serine, phosphatidyl inositol, phosphatidic acid and human b2-Glycoprotein 1

ELISA

Code	Quantity	Description
ANTI- β 2-GLYCOPROTEIN 1 ANTIBODIES IgG/IgM (β 2-GP1) 44868	96 tests	Highly purified antigen
ANTI-ANNEXIN V ANTIBODIES IgG/IgM (ANX) 44869	96 tests	Highly purified antigen
ANTI-PR3 ANTIBODIES (C-ANCA) 44791	96 tests	Purified human antigen
ANTI-MPO ANTIBODIES (P-ANCA) 44790	96 tests	Purified human antigen
ANTI-BPI ANTIBODIES 44905	96 tests	Purified human antigen
ANTI-CATHEPSIN G ANTIBODIES 44906	96 tests	Purified human antigen
ANTI-ELASTASE ANTIBODIES 44907	96 tests	Purified human antigen
ANTI-LACTOFERRIN ANTIBODIES 44908	96 tests	Purified human antigen
ANTI-LYSOZYME ANTIBODIES 44909	96 tests	Purified human antigen
ANTI-GLOMERULAR BASEMENT MEMBRANE ANTIBODIES (GBM) 44870	96 tests	Highly purified antigen
ANTI-tTRANSGLUTAMINASE IgA ANTIBODIES (Anti-tTG IgA)* 44754	96 tests	Recombinant human antigen activated by calcium and gliadin
ANTI-tTRANSGLUTAMINASE IgG ANTIBODIES (Anti-tTG IgG)* 44798	96 tests	Recombinant human antigen activated by calcium and gliadin
ANTI-GLIADIN ANTIBODIES (AGA-IgG/IgA) 44704	96 tests	Gliadin
ANTI-DEAMIDATED GLIADIN (DGP-IgG) 44884	96 tests	Synthetic deamidated gliadin
ANTI-DEAMIDATED GLIADIN (DGP-IgA) 44885	96 tests	Synthetic deamidated gliadin

Code	Quantity	Description
ANTI-SACCHAROMYCES CEREVISIAE ANTIBODIES IgG/IgA (ASCA) 44872	96 tests	Highly purified mannan from Saccharomyces cerevisiae
ANTI-THYROID PEROXIDASE ANTIBODIES (anti-TPO) 44795	96 tests	Recombinant human thyroid Peroxidase
ANTI-THYROGLOBULIN ANTIBODIES (anti-TG) 44796	96 tests	Highly purified human antigen
ANTI-INSULIN ANTIBODIES 44873	96 tests	Mixture of recombinant and purified insulin
ANTI-M2 ANTIBODIES (M2) 44871	96 tests	Highly purified mitochondrial M2 subtype antigen

External Quality Control



International External Quality
Assessment Scheme

- ▶ Yearly program for the comparison of results between laboratories
- ▶ Monthly measurements of different control materials
- ▶ The final report summarises all monthly reports and shows additional data on performance
- ▶ On-line participation through www.prevecal.net

Autoimmunity

Code	Quantity	Description
Prevecal ANA 18046	12 x 0.3 mL	Antinuclear antibodies
Prevecal ANCA 18056	4 x 0.3 mL	ANCA
Prevecal nDNA 18047	12 x 0.3 mL	Anti-nDNA antibodies
Prevecal CELIAC 18051	4 x 0.3 mL	Anti-endomysium, anti-tTG, anti-Gliadin, and DGP antibodies.

All kits include general instructions and cards for results.

Instruments



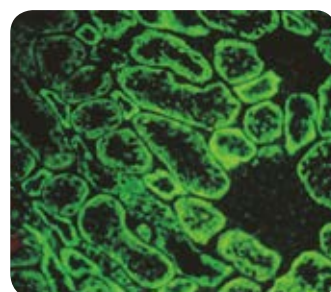
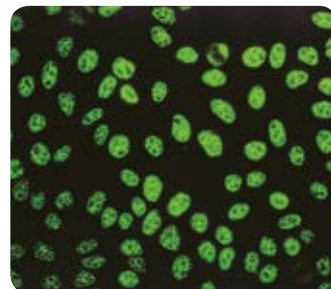
Code 84101

Immunofluorescence Processor

- ▶ Sample volume 3 μ L.
- ▶ Sample tray interchangeable racks (13mm x 100 mm, 15 mm x 100 mm or 2 mL).
- ▶ Dilution tray 96 vials (1.2 mL).
- ▶ Slides (plates) 16 (2).
- ▶ Reagent tray 8 conjugates (15 mL), 15 controls (2 mL), 1 additional diluent (50 mL).
- ▶ Reagents reservoirs 1 L bottle of washing solution, 1 L waste bottle, 1 L buffer bottle.
- ▶ Level sensor probe conductive.
- ▶ Slide washing flux system utilizing simultaneous dispensing and aspirating probes.
- ▶ Barcode reader hand-held barcode reader.

Consumables

Code	Quantity	Description
44592	100 mL	PBS (10x)
BO13416	100 mL	Concentrated Washing Solution
AC14682	120 strips	iPro Dilution Tubes (1,1 mL)



Code 84201

Fluorescence Microscope (LED Technology)

- ▶ Optical system Infinity corrected plan objectives, (10x, 20x and 40x).
- ▶ Head & Eyepieces WF10x paired eyepiece.
- ▶ Bright Field Illumination 12V, 20W halogen light source with precentred light condenser bulb coupled with a collector lens system provides optimum brightness along the optical path.
- ▶ Fluorescence Light Source High power blue LED (470-480nm).
- ▶ Fluorescence Filters FITC.
- ▶ Power Supply 110 - 240V AC. 50/60Hz. Single phase.

Consumables

Code	Description
ME15035	4x objective
ME15039	100x objective
AC15045	Trinocular head
AC15277	Digital Camera

Instruments



Immunofluorescence Laboratory Software: Total Integration

Code 84301

- ▶ LIMS Communication.
- ▶ Bidirectional communication with iPro: import sessions and request new test.
- ▶ Patterns, titers and images of controls configurable by test.
- ▶ Patient results management in association with images from the camera (TWAIN compatible).
- ▶ Patient historical of results and images: SQL Server Database.
- ▶ Possibility to print results report with images.
- ▶ Image reference Atlas.

Rapid tests



Rapid tests

Code	Quantity	Method
Latex Seroagglutination		
ANTI-STREPTOLYSIN O (ASO) - SLIDE		
31448	1 x 3 mL	Agglutination
31019	50 tests	LATEX
31086	150 tests	
C-REACTIVE PROTEIN (CRP) - SLIDE		
31107	1 x 3 mL	Agglutination
31011	50 tests	LATEX
31012	150 tests	
RHEUMATOID FACTORS (RF) - SLIDE		
31108	1 x 3 mL	Agglutination
31013	50 tests	LATEX
31014	150 tests	
Syphilis Serodiagnostics		
RPR-CARBON		
36001	100 tests	Agglutination
36002	500 tests	
TPHA		
36005	200 tests	Hemagglutination
Febril Serodiagnostics		
MULTISCREENING		
33001	6 x 100 tests	Agglutination SLIDE AND TUBE TESTS Salmonella paratyphi AH, Salmonella paratyphi BH, Salmonella typhi H, Salmonella typhi O, B. abortus (Rose Bengal), Proteus Ox19. Positive (Salmonella, Brucella and Proteus) and negative controls included.
SALMONELLA		
33080	8 x 100 tests	Agglutination SLIDE AND TUBE TEST Salmonella paratyphi AO, Salmonella paratyphi AH, Salmonella paratyphi BO, Salmonella paratyphi BH, Salmonella paratyphi CO, Salmonella paratyphi CH, Salmonella typhi H, Salmonella typhi O.
FEBRILE ANTIGENS		
33309	5 mL	Brucella abortus
33315	5 mL	Brucella abortus (Rose Bengal)
33301	5 mL	Salmonella paratyphi AH
33302	5 mL	Salmonella paratyphi AO
33303	5 mL	Salmonella paratyphi BH
33304	5 mL	Salmonella paratyphi BO
33305	5 mL	Salmonella paratyphi CH
33306	5 mL	Salmonella paratyphi CO
33307	5 mL	Salmonella typhi H
33308	5 mL	Salmonella typhi O
33311	5 mL	Proteus Ox19

Alphabetical Index

	Pg.		Pg.
α-AMYLASE DIRECT	4	ANTI-MPO ANTIBODIES (P-ANCA)	34
α-AMYLASE PANCREATIC	4	ANTI-nDNA ANTIBODIES (nDNA)	30
α-AMYLASE-EPS	4	ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODIES (ANCA)	30
α1-ACID GLYCOPROTEIN	4	ANTI-NUCLEAR ANTIBODIES HEp-2 (ANA-HEp-2)	30
A15	19	ANTI-NUCLEOSOME ANTIBODIES (NCL)	33
A25	20	ANTI-PHOSPHOLIPID ANTIBODIES IgG/IgM (APLA)	33
Accessories BA200	21	ANTI-PR3 ANTIBODIES (C-ANCA)	34
ACID PHOSPHATASE (ACP)	4	ANTI-SACCHAROMYCES CEREVISIAE ANTIBODIES IgG/IgA (ASCA)	35
ACTIVATED PARTIAL THROMBOPLASTIN TIME (APTT)	28	ANTI-Sc170 ANTIBODIES	33
ADA	15	ANTI-SKIN ANTIBODIES (ASA)	31
ADENOSINE DEAMINASE (ADA)	4	ANTI-Sm ANTIBODIES	33
ADENOSINE DEAMINASE (ADA)	14	ANTI-Sm/RNP ANTIBODIES	33
ALANINE AMINOTRANSFERASE (ALT/GPT)	4	ANTI-SMOOTH MUSCLE ANTIBODIES (ASMA)	30
ALBUMIN	4	ANTI-SSA (Ro) ANTIBODIES	33
ALBUMIN (MICROALBUMINURIA)	4	ANTI-SSB (La) ANTIBODIES	33
ALBUMIN (MICROALBUMINURIA)	14	ANTI-STREPTOLYSIN O (ASO)	5
ALKALINE PHOSPHATASE (ALP)-AMP	5	ANTI-STREPTOLYSIN O (ASO)	14
ALKALINE PHOSPHATASE (ALP)-DEA	5	ANTI-STREPTOLYSIN O (ASO) - SLIDE	40
AMMONIA	5	ANTI-STRIATED MUSCLE ANTIBODIES (ASiMA)	31
AMMONIA, ETHANOL, CO2	14	ANTI-THYROGLOBULIN ANTIBODIES (anti-TG)	35
AMMONIA, ETHANOL, CO2	15	ANTI-THYROID ANTIBODIES (ATA)	31
5-AMINOLEVULINIC ACID (ALA)/ PORPHOBILINOGEN (PBG)	13	ANTI-THYROID PEROXIDASE ANTIBODIES (anti-TPO)	35
ANA-SCREENING	33	ANTI-tTRANSGLUTAMINASE IgA ANTIBODIES (Anti-tTG IgA)*	34
ANGIOTENSIN CONVERTING ENZYME (ACE)	5	ANTI-tTRANSGLUTAMINASE IgG ANTIBODIES (Anti-tTG IgG)*	34
ANTI-ADRENAL CORTEX ANTIBODIES (AACA)	31	ANTI-β2-GLYCOPROTEIN 1 ANTIBODIES IgG/IgM (β2-GP1)	34
ANTI-ANNEXIN V ANTIBODIES IgG/IgM (ANX)	34	ANTITHROMBIN III	5
ANTI-BPI ANTIBODIES	34	APOLIPOPROTEIN A-1 (APO A-1)	5
ANTI-CARDIOLIPIN ANTIBODIES (ACA-IgG/IgM)	33	APOLIPOPROTEIN A-I	14
ANTI-CATHEPSIN G ANTIBODIES	34	APOLIPOPROTEIN B	14
ANTI-CENTROMERE B ANTIBODIES (CENP-B)	33	APOLIPOPROTEIN B (APO B)	5
ANTI-CITRULLINATED PROTEIN ANTIBODIES (ACPA)	33	ASPARTATE AMINOTRANSFERASE (AST/GOT)	5
ANTI-DEAMIDATED GLIADIN (DGP-IgA)	34	AUTOANTIBODIES DUO	31
ANTI-DEAMIDATED GLIADIN (DGP-IgG)	34	AUTOANTIBODIES MsL/MsK/MsS (ANA-AMA-ASMA-APCA-LKM)	30
ANTI-dsDNA ANTIBODIES	33	AUTOANTIBODIES RL/RK/RS (ANA-AMA-ASMA-APCA-LKM)	30
ANTI-ELASTASE ANTIBODIES	34		
ANTI-ENDOMYSIUM ANTIBODIES (AEA)	30	β-HYDROXYBUTYRATE	6
ANTI-GLIADIN ANTIBODIES (AGA-IgG/IgA)	34	β2-MICROGLOBULIN	6
ANTI-GLOMERULAR BASEMENT MEMBRANE ANTIBODIES (GBM)	34	β2-MICROGLOBULIN	14
ANTI-HISTONES ANTIBODIES (HIST)	33	β2-MICROGLOBULIN	16
ANTI-INSULIN ANTIBODIES	35	β2-MICROGLOBULIN URINE	16
ANTI-ISLET CELL ANTIBODIES (AICA)	31	β-HYDROXYBUTYRATE	6
ANTI-Jo1 ANTIBODIES	33	β2-MICROGLOBULIN	6
ANTI-KERATIN ANTIBODIES (AKA)	31	β2-MICROGLOBULIN	14
ANTI-LACTOFERRIN ANTIBODIES	34	β2-MICROGLOBULIN	16
ANTI-LYSOZYME ANTIBODIES	34	β2-MICROGLOBULIN URINE	16
ANTI-M2 ANTIBODIES (M2)	35	BA200	21
ANTI-MITOCHONDRIAL ANTIBODIES (AMA)	30	BA400	23

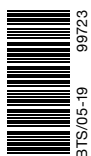
Alphabetical Index

	Pg.		Pg.
BILIRUBIN	14	CREATININE ENZYMATIC	8
BILIRUBIN (DIRECT)	6	CREATININE KINASE-MB	16
BILIRUBIN (DIRECT) DPD	6	CREATININE KINASE-MB (CK-MB)	14
BILIRUBIN (TOTAL AND DIRECT)	6		
BILIRUBIN (TOTAL)	6	D-DIMER	
BILIRUBIN (TOTAL) DPD	6	D-DIMER	14
BIOCHEMISTRY (BOVINE)	14	D-DIMER	16
BIOCHEMISTRY (HUMAN)	14		
BIOCHEMISTRY SERUM	15	ENA 4-PROFILE	33
BIOCHEMISTRY SERUM (HUMAN)	15	ENA 6-PROFILE	33
BIOCHEMISTRY URINE	15	ENA 6-SCREENING	33
BTS 350	24	ETHANOL	9
C-REACTIVE PROTEIN (CRP-er)	14	FEBRILE ANTIGENS	40
C-REACTIVE PROTEIN (CRP)	8	FERRITIN	8
C-REACTIVE PROTEIN (CRP) - SLIDE	40	FERRITIN	14
C-REACTIVE PROTEIN (CRP/CRP-hs)	14	FERTILITY BIOCHEMISTRY	16
C-REACTIVE PROTEIN hs (CRP-hs)	8	FIBRINOGEN	9
C-REACTIVE PROTEIN-er (CRP-er)	8	FIBRINOGEN	15
CALCIUM-ARSENazo	6	FIBRINOGEN	16
CALCIUM-CRESOLPHTHALEIN	6	FIBRINOGEN CLAUS	28
CALCIUM-MTB	6	FITC/Evans(R)	32
CARBON DIOXIDE (CO ₂)	6	FRUCTOSAMINE	9
CHOLESTEROL	7	FRUCTOSAMINE	16
CHOLESTEROL HDL	7	FRUCTOSE	9
CHOLESTEROL HDL DIRECT	7		
CHOLESTEROL HDL PRECIPITATING REAGENT	7	GLOMERULAR BASEMENT MEMBRANE ANTIBODIES (GBMA)	31
CHOLESTEROL HDL/LDL	14	GLUCOSE	9
CHOLESTEROL LDL DIRECT	7	GLUCOSE-HEXOKINASE	9
CHOLESTEROL LDL PRECIPITATING REAGENT	7	γ-GLUTAMYL TRANSFERASE (γ-GT)	9
CHOLINESTERASE (CHE)	7		
CITRATE	7	HA3	26
COAGULATION CALIBRATOR	28	HA5	26
COAGULATION CONTROL	28	HbA1C-DIRECT	15
COAX	28	HEMOGLOBIN A1C	16
COMPLEMENT COMPONENT C3	7	HEMOGLOBIN A1C-DIRECT (HbA1C-DIR)	9
COMPLEMENT COMPONENT C4	7	HEMOGLOBIN A2	13
CONSUMABLES A15/A25	20	HEMOGLOBIN A2	16
CONSUMABLES AND ACCESSORIES BA200/BA400	23	HOMOCYSTEINE	10
CONSUMABLES COAX	28	HOMOCYSTEINE	15
CONSUMABLES HA3/HA5	26	HOMOCYSTEINE	16
CONSUMABLES IMLD	37	17-HYDROXYCORTICOSTEROIDS (17-OH)	13
CONSUMABLES IPRO	36	5-HYDROXYINDOLEACETIC ACID (5-HIAA)	13
CONTROL URINE	16		
CREATINE KINASE (CK)	8	IgA FITC/Evans	32
CREATINE KINASE-MB (CK-MB)	8	IgG FITC/Evans	32
CREATININE	8	IgG FITC/Evans (M)	32

	Pg.		Pg.
IMLD	37	RPR-CARBON	40
IMLS	38		
Immunofluorescence Controls*	32	SALMONELLA	40
IMMUNOGLOBULIN A (IgA)	9		
IMMUNOGLOBULIN G (IgG)	10	THROMBIN TIME (TT)	28
IMMUNOGLOBULIN M (IgM)	10	TISSUE SLIDES FOR RESEARCH USE ONLY (RUO)	31
IPRO	36	TOTAL BILE ACIDS	11
IRON-CHROMAZUROL	10	TOTAL IRON BINDING CAPACITY (TIBC)	11
IRON-FERROZINE	10	TRANSFERRIN	12
		TRIGLYCERIDES	12
17-KETOSTEROIDS	13		
		UNSATURATED IRON BINDING CAPACITY (UIBC)	12
LACTATE	10	UREA/ BUN-COLOR	12
LACTATE DEHYDROGENASE (LDH)	10	UREA/ BUN-UV	12
LACTATE DEHYDROGENASE (LDH)-IFCC	10	URIC ACID	12
LIPASE	10		
LIPID SERUM	16	VANILMANDELIC ACID	13
MAGNESIUM	11	ZINC	12
METANEPHRINES	13		
MISCELLANEOUS	32		
MULTISCREENING	40		
OXALATE	11		
OXALATE URINE	16		
PHOSPHORUS	11		
PREALBUMIN	11		
PREVECAL ANA	17		
PREVECAL ANCA	17		
PREVECAL BIOCHEMISTRY (BOVINE)	17		
PREVECAL BIOCHEMISTRY HUMAN	17		
PREVECAL CELIAC	17		
PREVECAL nDNA	17		
PREVECAL PROTEINS	17		
PREVECAL RHEUMA	17		
PREVECAL URINE	17		
PROTEIN	15		
PROTEIN (TOTAL)	11		
PROTEIN (URINE)	15		
PROTEIN (URINE+CSF)	11		
PROTEIN SERUM	16		
PROTHROMBIN TIME (PT)	28		
RHEUMATOID FACTORS (RF)	11		
RHEUMATOID FACTORS (RF)	15		
RHEUMATOID FACTORS (RF) - SLIDE	40		
RHEUMATOID SERUM	16		







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Ginger Group



BioSystems

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- Certified Management System
- EN ISO 9001
- EN ISO 13485

EC DECLARATION OF CONFORMITY

BioSystems S.A., a company placed in Costa Brava 30, 08030 Barcelona (Spain) dedicated to the design, development and manufacturing of *in vitro* diagnostic medical devices,

Hereby DECLARES

That the products stated in the annex of twelve (12) pages joined herewith, meet the applicable provisions of the

Directive on in Vitro Diagnostic Medical Devices (98/79/EC)

under the specifications declared by BioSystems S.A.

It means that the products:

- comply with all applicable Essential Requirements as set out in the Annex I, and its technical documentation is performed following the requirements of the Annex III
- are classified as Other Devices (all devices except Annex II and Self-Testing Devices), that is why the Conformity Assessment follows the procedure stated in the Annex III of the Directive without the intervention of a Notified Body.

Barcelona, November 6th, 2018

P-Vila

Pau Vila Cases, PhD
CEO
BioSystems S.A.



• Certified Management System
• EN ISO 9001
• EN ISO 13485

PRODUCT NAME	CODE
CLINICAL CHEMISTRY - BIOCHEMISTRY	
a-AMYLASE - DIRECT	11583
	11550
	12550
	21550
	23550
a-AMYLASE - EPS	11534
	21534
a-AMYLASE-PANCREATIC	11799
	12799
	21799
ACID PHOSPHATASE (ACP)	11548
ALANINE AMINOTRANSFERASE (ALT/GPT)	11832
	11533
	11568
	11562
	12533
	21533
	23533
ALBUMIN	11573
	11547
	12547
	21547
	23547
ALKALINE PHOSPHATASE (ALP) - AMP	11592
	11593
	11598
	12518
	21592
	23592
ALKALINE PHOSPHATASE (ALP) - DEA	11590
	11591
	11597
	12514
	21590
	23590
ASPARTATE AMINOTRANSFERASE (AST/GOT)	11830
	11531
	11567
	11561
	12531
	21531
	23531
BILIRUBIN (DIRECT)	11511
	11545
	21504

PRODUCT NAME	CODE
	23504
BILIRUBIN (TOTAL AND DIRECT)	11515
	11555
BILIRUBIN (TOTAL)	11510
	11544
	21506
	23506
CALCIUM-ARSENazo	11570
	11571
	12570
	21570
	23570
CALCIUM-CRESOLPHTHALEIN	11811
	11812
	12513
	21511
	23511
CALCIUM-MTB	11527
	11507
CARBON DIOXIDE (CO2)	11558
	11827
	12558
	21558
CHOLESTEROL	11805
	11505
	11506
	11539
	12505
	21505
	23505
CHOLESTEROL HDL	11523
CHOLESTEROL HDL DIRECT	11557
	12557
	21557
	23557
CHOLESTEROL HDL PRECIPITATING REAGENT	11648
CHOLESTEROL LDL DIRECT	11585
	12585
	21585
	23585
CHOLESTEROL LDL PRECIPITATING REAGENT	11579
CHOLINESTERASE (CHE)	11588
	11589
	21588
CITRATE	11795
	11895
	23795
CREATINE KINASE (CK)	11790
	11791
	12524
	21790

P.V.

PRODUCT NAME	CODE
	23790
CREATINE KINASE-MB (CK-MB)	11792
	12566
	21792
	23792
CREATININE	11802
	11502
	11542
	12502
	21502
	23502
CREATININE-ENZYMATIC	11734
	12734
	21734
FRUCTOSAMINE	11046
FRUCTOSE	11794
	23794
g-GLUTAMYLTRANSFERASE (g-GT)	11584
	11520
	12520
	21520
	23520
GLUCOSE	11803
	11503
	11504
	11538
	12503
	21503
	23503
GLUCOSE-HEXOKINASE	11656
	12756
	21656
	23656
IRON- CHROMAZUROL	11546
IRON-FERROZINE	11509
	12509
	21509
	23509
LACTATE	11736
	12736
	21736
	23736
LACTATE DEHYDROGENASE (LDH)	11580
	11581
	12580
	21580
	23580
LACTATE DEHYDROGENASE (LDH) - IFCC	11586
	11587
	21586
	23586

P-21

PRODUCT NAME	CODE
LIPASE	11793
	12793
	23793
MAGNESIUM	11797
	12797
	21797
	23797
PHOSPHORUS	11508
	12508
	21518
	23518
PROTEIN (TOTAL)	11800
	11572
	11500
	11553
	12500
	21513
	23513
PROTEIN (URINE)	11501
	11559
	12501
	21512
	23512
PYRIDOXAL PHOSPHATE	11666
TOTAL IRON BINDING CAPACITY (TIBC)	11554
TRIGLYCERIDES	11828
	11528
	11529
	12528
	21528
	23528
UNSATURATED IRON BINDING CAPACITY (UIBC)	11835
	12835
	21835
UREA/BUN - COLOR	11536
	11537
UREA/BUN - UV	11516
	11517
	11541
	12516
	21516
	23516
URIC ACID	11821
	11521
	11522
	11540
	12521
	21521
	23521
ZINC	12526
CLINICAL CHEMISTRY - TURBIDIMETRY	

PRODUCT NAME	CODE
a1-ACID GLYCOPROTEIN	31928
	23107
ALBUMIN (MICROALBUMINURIA)	31324
	31924
	13324
	22324
	23324
ACTIVATED PARTIAL THROMBOPLASTIN TIME (APTT)	61004
	61005
	61009
ANTI-STREPTOLYSIN O (ASO)	31323
	31923
	31031
	13923
	22923
	23923
ANTITHROMBIN III	31936
	13936
	22936
	23936
APOLIPOPROTEIN A-I (APO A-I)	31095
	23095
APOLIPOPROTEIN B (APO B)	31098
	23098
b2-MICROGLOBULIN	31925
	22925
	23925
COMPLEMENT COMPONENT C3	31073
	31079
	13084
	23103
COMPLEMENT COMPONENT C4	31074
	31080
	13085
	23104
C-REACTIVE PROTEIN (CRP)	31321
	31921
	31029
	13921
	22921
	23921
C-REACTIVE PROTEIN-hs (CRP-hs)	31927
	13927
	22927
	23927
FERRITIN	31934
	31935
	22934
	23934
	13934

2-4-1

PRODUCT NAME	CODE
FIBRINOGEN	31600
	13600
	22804
	23804
FIBRINOGEN CLAUSS	61002
	61003
	61020
HEMOGLOBIN A1C-DIRECT (HbA1C-DIR)	31047
	13047
	22047
	22147
IMMUNOGLOBULIN A (IgA)	31071
	31077
	13082
	23101
IMMUNOGLOBULIN G (IgG)	31070
	31076
	13081
	23100
IMMUNOGLOBULIN M (IgM)	31072
	31078
	13083
	23102
PREALBUMIN	31929
	23106
PROTHROMBIN TIME (PT)	61001
RHEUMATOID FACTORS (RF)	31322
	31922
	31030
	13922
	22922
	23922
THROMBIN TIME (TT)	61000
TRANSFERRIN	31091
	31092
	31093
	13091
	22105
	23105
CLINICAL CHEMISTRY - MICROCOLUMN CHROMATOGRAPHY	
17-HYDROXYCORTICOSTEROIDS (17-OH)	11006
17-KETOSTEROIDS	11002
5-AMINOLEVULINIC ACID (ALA) / PORPHOBILINOGEN (PBG)	11017
5-HYDROXYINDOLEACETIC ACID (5-HIAA)	11010
HEMOGLOBIN A2	11077
METANEPHRINES	11022
VANILMANDELIC ACID	11003
CLINICAL CHEMISTRY - STANDARDS & CALIBRATORS	

P-411

PRODUCT NAME	CODE
ADENOSINE DEAMINASE (ADA) STANDARD	18052
ALBUMIN (MICROALBUMINURIA) STANDARD	18011
AMMONIA/ETHANOL/CO2 CALIBRATOR	18065
ANTI-STREPTOLYSIN O (ASO) STANDARD	31119
APOLIPOPROTEIN A-I (APO A-I) STANDARD	31100
APOLIPOPROTEIN B (APO B) STANDARD	31200
b2-MICROGLOBULIN STANDARD	31122
BILIRUBIN STANDARD	11693
BIOCHEMISTRY CALIBRATOR	31075
BIOCHEMISTRY CALIBRATOR (HUMAN)	18044
CARBON DIOXIDE STANDARD	11822
	11833
CHOLESTEROL HDL/LDL CALIBRATOR	11824
COAGULATION CALIBRATOR	61006
CREATINE KINASE-MB (CK-MB) STANDARD	11750
CRP/CRP-hs STANDARD	31113
CRP-er STANDARD	31182
FERRITIN STANDARD	31127
FIBRINOGEN STANDARD	31601
HEMOGLOBIN A1C-DIRECT (HbA1C-DIR) STANDARDS	31048
HOMOCYSTEINE STANDARDS	11603
PREALBUMIN STANDARD	31196
PROTEIN (URINE) STANDARD	31130
PROTEIN CALIBRATORS	11513
RHEUMATOID FACTORS (RF) STANDARD	31116
CLINICAL CHEMISTRY - INSTRUMENTS	
A15	83105
A25	83101
BA400	83400
BA200	83200
BTS-350	80175
CONSUMABLES (INSTRUMENTS)	
ALKALINE WASHING SOLUTION	AC17204
	AC17205
ACID WASHING SOLUTION	AC17200
	AC17201
CONCENTRATED SYSTEM LIQUID	BO11524
CONCENTRATED SYSTEM LIQUID 2	AC17206
CONCENTRATED WASHING SOLUTION	BO13416
	AC16434
Reaction Rotor	AC11485
Sample Wells (1000 units)	AC10770
WASHING SOLUTION	AC10415
	BO10771
CLINICAL CHEMISTRY - BIOCHEMISTRY - REAGENTS AUTOMATED SYSTEMS A15/A25	
ADENOSINE DEAMINASE (ADA)	12754
	23754
AMMONIA	12532
	23532

25/1

PRODUCT NAME	CODE
ANGIOTENSIN CONVERTING ENZYME (ACE)	12796
	21796
b-HYDROXYBUTYRATE	12525
	21525
ETHANOL	12789
	21789
HOMOCYSTEINE	12737
	21737
	23737
OXALATE	12539
OXALATE PRETREATMENT REAGENTS	11839
TOTAL BILE ACIDS	12551
	21551
	23551
a-1-Microglobulin	22941
C-REACTIVE PROTEIN-er (CRP-er)	22942
	23942
CLINICAL CHEMISTRY - INTERNAL QUALITY CONTROL	
ADA CONTROLS	18048
AMMONIA/ETHANOL/CO2 CONTROL I	18063
AMMONIA/ETHANOL/CO2 CONTROL II	18064
b2-MICROGLOBULIN CONTROL URINE	31215
b2-MICROGLOBULIN CONTROLS	31592
BIOCHEMISTRY CONTROL SERUM (HUMAN) I	18042
BIOCHEMISTRY CONTROL SERUM (HUMAN) II	18043
BIOCHEMISTRY CONTROL SERUM I	18009
	18005
BIOCHEMISTRY CONTROL SERUM II	18010
	18007
BIOCHEMISTRY CONTROL URINE	18054
BIOCHEMISTRY CONTROL URINE II	18066
CK-MB CONTROL SERUM	18024
CK-MB CONTROL SERUM II	18061
COAGULATION CONTROL I	61007
COAGULATION CONTROL II	61008
CONTROL URINE	18036
	18037
FERTILITY BIOCHEMISTRY CONTROL	18053
FIBRINOGEN CONTROL PLASMA	31602
FRUCTOSAMINE CONTROL SERUM	18057
HEMOGLOBIN A1C CONTROL (ELEVATED)	18002
HEMOGLOBIN A1C CONTROL (NORMAL)	18001
HEMOGLOBIN A2 CONTROL	10011
HOMOCYSTEINE CONTROL I	18058
HOMOCYSTEINE CONTROL II	18059
LIPID CONTROL SERUM I	18040
LIPID CONTROL SERUM II	18041
OXALATE CONTROL URINE	18062
PROTEIN CONTROL SERUM I	31211
PROTEIN CONTROL SERUM II	31212

12-5-1

PRODUCT NAME	CODE
RHEUMATOID CONTROL SERUM I	31213
RHEUMATOID CONTROL SERUM	31214
AUTOIMMUNITY - IFA (IMMUNOFLUORESCENCE)	
ANTI-ADRENAL CORTEX ANTIBODIES (AACA)	44574
	44575
	29022
ANTI-ENDOMYSIUM ANTIBODIES (AEA)	44148
	44548
	44715
	44557
	44710
ANTI-ISLET CELL ANTIBODIES (AICA)	44609
	44572
ANTI-KERATIN ANTIBODIES (AKA)	44618
	44517
ANTI-MITOCHONDRIAL ANTIBODIES (AMA)	44510
	44514
	44511
	44515
ANTI-nDNA ANTIBODIES (nDNA)	44825
	44818
	44817
	44820
	44819
ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODIES (ANCA)	44850
	44851
	44852
	44911
ANTI-NUCLEAR ANTIBODIES HEp-2 (ANA-HEp-2)	44108
	44508
	44509
	44546
	44547
ANTI-NUCLEAR ANTIBODIES RL (ANA-RL)	44506
	44507
ANTI-SKIN ANTIBODIES (ASA)	44560
	44561
ANTI-SMOOTH MUSCLE ANTIBODIES (ASMA)	44520
	44524
	44521
	44525
ANTI-STRIATED MUSCLE ANTIBODIES (AStMA)	44649
	29017
ANTI-THYROID ANTIBODIES (ATA)	44550
	44551
	29012
AUTOANTIBODIES DUO-HEp2/ML (DUO-HEp2/ML)	44874
AUTOANTIBODIES MSK/MSS (AA-MSK/MSS)	44518
AUTOANTIBODIES MSL/MSK/MSS (AA-MSL/MSK/MSS)	44826
	44827

25/1

PRODUCT NAME	CODE
AUTOANTIBODIES-RK/RS (AA-RK/RS)	44758
	44568
AUTOANTIBODIES-RL/RK/RS (AA-RL/RK/RS)	44558
	44648
	44570
	44639
GLOMERULAR BASEMENT MEMBRANE ANTIBODIES (GBMA)	44588
AUTOIMMUNITY - IFA (IMMUNOFLUORESCENCE) - AUXILIARY REAGENTS	
AACA POSITIVE CONTROL	44578
AEA POSITIVE CONTROL	44549
	44893
	44732
AICA POSITIVE CONTROL	44577
AKA POSITIVE CONTROL	44619
AMA POSITIVE CONTROL	44512
	44891
ANA-Ce POSITIVE CONTROL	44585
ANA-Ho POSITIVE CONTROL	44502
	44890
ANA-Nu POSITIVE CONTROL	44504
ANA-Sp POSITIVE CONTROL	44503
APCA POSITIVE CONTROL	44532
ASA-bm POSITIVE CONTROL	44562
ASA-is POSITIVE CONTROL	44563
ASMA POSITIVE CONTROL	44522
	44892
AStMA POSITIVE CONTROL	44883
ATA POSITIVE CONTROL	44553
BLOTTING PAPER 12	44669
BLOTTING PAPER 4	44731
BLOTTING PAPER 6	44667
BLOTTING PAPER 8	44716
C-ANCA POSITIVE CONTROL	44854
	44912
FITC/EVANS (R)	44590
	44836
	44916
GBMA POSITIVE CONTROL	44678
GLYCIN	44846
IgA FITC/EVANS	44692
	44835
IgG FITC/EVANS	44697
	44834
IgG FITC/EVANS (M)	44847
	44882
LKM POSITIVE CONTROL	44766
MOUNTING MEDIUM	44694
nDNA POSITIVE CONTROL	44542
	44894

24/11

PRODUCT NAME	CODE
NEGATIVE CONTROL	44696
	44889
P-ANCA POSITIVE CONTROL	44855
	44913
PBS (10x)	44592
X-ANCA POSITIVE CONTROL	44896
AUTOIMMUNITY - ELISA	
ANA-SCREENING	44785
ANTI-ANNEXIN V IgG/IgM (ANX)	44869
ANTI-beta-2-GLYCOPROTEIN 1 IgG/IgM (beta2GP1)	44868
ANTI-BPI ANTIBODIES	44905
ANTI-CARDIOLIPIN ANTIBODIES (ACA-IgG/IgM)	44780
ANTI-CATHEPSIN G ANTIBODIES	44906
ANTI-CENTROMERE B ANTIBODIES (CENP-B)	44865
ANTI-CITRULLINATED PROTEIN ANTIBODIES (ACPA)	44860
ANTI-DEAMIDATED GLIADIN PEPTIDES IgA (DGP IgA)	44885
ANTI-DEAMIDATED GLIADIN PEPTIDES IgG (DGP IgG)	44884
ANTI-dsDNA ANTIBODIES	44705
ANTI-ELASTASE ANTIBODIES	44907
ANTI-GBM ANTIBODIES-EIA (GBM)	44870
ANTI-GLIADIN ANTIBODIES (AGA-IgG/IgA)	44704
ANTI-HISTONES ANTIBODIES (HIS)	44862
ANTI-INSULIN ANTIBODIES (INS)	44873
ANTI-Jo1 ANTIBODIES	44864
ANTI-LACTOFERRIN ANTIBODIES	44908
ANTI-LYSOZYME ANTIBODIES	44909
ANTI-M2 ANTIBODIES (M2)	44871
ANTI-MPO ANTIBODIES (P-ANCA)	44790
ANTI-NUCLEOSOME ANTIBODIES (NCL)	44861
ANTI-PHOSPHOLIPID IgG/IgM (APLA)	44867
ANTI-PR3 ANTIBODIES (C-ANCA)	44791
ANTI-RIBOSOMAL P ANTIBODIES (Rib P)	44866
ANTI-Sci70 ANTIBODIES	44863
ANTI-Sm ANTIBODIES	44755
ANTI-Sm/RNP ANTIBODIES	44770
ANTI-SSA (Ro) ANTIBODIES	44765
ANTI-SS-B (La) ANTIBODIES	44750
ANTI-THYROGLOBULIN ANTIBODIES (ANTI-Tg)	44796
ANTI-THYROID PEROXIDASE ANTIBODIES (ANTI-TPO)	44795
ANTI-tTRANSGLUTAMINASE ANTIBODIES IgA (ANTI-tTG IgA)	44754
ANTI-tTRANSGLUTAMINASE ANTIBODIES IgG (ANTI-tTG IgG)	44798
ASCA-IgG/IgA (ASCA)	44872
ENA 4-PROFILE	44775
ENA 6-PROFILE	44910
ENA 6-SCREENING	44740
AUTOIMMUNITY - INSTRUMENTS	

2-2-1

PRODUCT NAME	CODE
iPRO	84101
RAPID TESTS - LATEX AGGLUTINATION	
ANTI-STREPTOLYSIN O (ASO) - SLIDE	31019
	31319
	31086
	31448
C-REACTIVE PROTEIN (CRP) - SLIDE	31011
	31311
	31012
	31107
RHEUMATOID FACTORS (RF) - SLIDE	31013
	31313
	31014
	31108
INFECTIOUS IMMUNOLOGY - SYPHILIS	
RPR-CARBON	36001
	36002
TPHA	36005
INFECTIOUS IMMUNOLOGY - FEBRILE ANTIGENS	
BRUCELLA ABORTUS	33309
BRUCELLA ABORTUS, ROSE BENGAL	33315
BRUCELLA POSITIVE CONTROL	33509
FEBRILE SERODIAGNOSTICS MULTISCREENING	33001
FEBRILE SERODIAGNOSTICS SALMONELLA	33080
	33081
PROTEUS OX19	33311
PROTEUS POSITIVE CONTROL	33502
SALMONELLA PARATYPHI AH	33301
SALMONELLA PARATYPHI AO	33302
SALMONELLA PARATYPHI BH	33303
SALMONELLA PARATYPHI BO	33304
SALMONELLA PARATYPHI CH	33305
SALMONELLA PARATYPHI CO	33306
SALMONELLA POSITIVE CONTROL	33510

P-6.1.

Annex to certificate

Standard **ISO 9001:2015**

Certificate Registr. No. **01 100 6696**

No.	Location	Scope
/01	BIOSYSTEMS S.A. Costa Brava 30 08030 Barcelona Spain	Design, development, manufacture, distribution, installation and service of instruments and reagents for: - Clinical diagnostics. - Agri-food analysis. - Veterinary diagnostics.
/02	BIOSYSTEMS, S.A. Pol. Ind. Can Tapiolas Naves 12, 13, 21 y 22 08110 Montcada i Reixac (Barcelona) Spain	Reagent labelling and assembly. Storage of raw materials for instruments, instruments and reagents for: - Clinical diagnostics. - Agri-food analysis. - Veterinary diagnostics. Dispatched of stored product.

2022-12-15



TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln

Certificate

Standard **ISO 9001:2015**

Certificate Registr. No. **01 100 6696**

Certificate Holder: **BIOSYSTEMS S.A.**

Costa Brava 30
08030 Barcelona
Spain

including the locations according to annex

Scope:

Design, development, manufacture, distribution, installation and service of instruments and reagents for:

- Clinical diagnostics.
- Agri-food analysis.
- Veterinary diagnostics.

Reagent labelling and assembly.

Storage of raw materials for instruments, instruments and reagents for:

- Clinical diagnostics.
- Agri-food analysis.
- Veterinary diagnostics.

Dispatched or stored product.

Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.

Validity:

The certificate is valid from 2022-12-19 until 2025-12-18.
First certification 1996

2022-12-15



TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln

Certificate

**Quality Management System
EN ISO 13485:2016**

Registration No.: SX 1695779-1

Organization: BIOSYSTEMS S.A.
Costa Brava 30
08030 Barcelona
Spain

Scope: Design and development, production, distribution and servicing
of instruments and reagents for clinical diagnostic.

The Certification Body of TÜV Rheinland LGA Products GmbH certifies that the organization has established and applies a quality management system for medical devices.
Proof has been furnished that the requirements specified in the abovementioned standard are fulfilled. The quality management system is subject to yearly surveillance.

Report No.: 92648791-40
Effective date: 2022-12-12
Expiry date: 2025-12-12
Issue date: 2022-12-12



Deutsche
Akkreditierungsstelle
D-ZM-14169-01-02



Jaroslav Pyclik
TÜV Rheinland LGA Products GmbH
Tillystraße 2 · 90431 Nürnberg · Germany

Certificate

Quality Management System
EN ISO 13485:2016

Registration No.: SX 1695779-1

Organization: BIOSYSTEMS S.A.
Costa Brava 30
08030 Barcelona
Spain

The scope of certification includes the following additional sites:

No.	Facility	Scope
/01	BIOSYSTEMS S.A. Costa Brava 30 08030 Barcelona Spain	Design and development, production, distribution and servicing of instruments and reagents for clinical diagnostic.
/02	BIOSYSTEMS S.A. Polígono Industrial Can Tapioles Naves 12, 13, 21, 22 08010, Montcada i Reixac – Barcelona, Spain	Labelling and assembling of reagents, warehousing and shipment of instruments and reagents for clinical diagnostic.

Report No.: 92648791-40
Effective date: 2022-12-12
Expiry date: 2025-12-12
Issue date: 2022-12-12



Jaroslav Pyclik
TÜV Rheinland LGA Products GmbH
Tillystraße 2 · 90431 Nürnberg · Germany

	HEMATOLOGY 8 PARAMETERS APRIL 2019	RdP: Re issued ZKN247_18_2019_4.p df	
	Participant : ZKN247 Sample Lot : HE-19040	Issued on 14/05/2019 Authorized by RQS Paolo Cocci	

Bio-Group Medical System s.r.l.

QS Division

qs@biogroupmedicalsistem.com

+39 054920686 int 3

Cycle: HEMATOLOGY 8 PARAM.

Enroled participants : 278

Subcontract Activities: Homogeneity and stability test and sera production. The PTP declares the assumption of responsibility towards the participants for the subcontracted work

Authorized by: RQS Paolo Cocci

Coordinator: COP Matteo Montini

Contacts: email: help@biogms.com

Telephone: +390541920686 **Fax:** +390541920180

Proficiency test object: Blood

Lot: HE-19040

Lot expiration: 2019-06-30

Homogeneity and Stability: Sera Homogeneity: data available on request

Confidentiality: All communications relating to the QS programs take place in a confidential manner between the QS Division and each individual laboratory. Participants are assigned a specific confidential identification code. These reserved codes are known to the QS Division, to the single laboratory and to the appointed officers.

	HEMATOLOGY 8 PARAMETERS APRIL 2019	RdP: Re issued ZKN247_18_2019_4.pdf	
	Participant : ZKN247 Sample Lot : HE-19040	Issued on 14/05/2019 Authorized by RQS Paolo Cocci	

Analit	RDS
RDW/IDR-SD	0,1500
MCHC	0,1500
MPV	0,1500
WBC/GB	0,1500
RBC/GR	0,1500
HGB	0,1500
MCV/VMG	0,1500
MCH/TCMH	0,1500
RDW/IDR	0,1500
PLT/PLQ	0,1500
HCT	0,1500

	HEMATOLOGY 8 PARAMETERS APRIL 2019	RdP: Re issued ZKN247_18_2019_4.pdf	
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PT target value assignment procedure

For each measurement of this evaluation test, the assigned value is determined using the robust average calculated according to Algorithm A ISO 13528: 2015.

Assigned value uncertainty is determined according to formula:

$$U_{x_{pt}} = 1,25 \left(\frac{s^*}{\sqrt{p}} \right)$$

where s^* is the robust standard deviation and p is participants number

Assigned Relative Deviation Standard is determined according to formula

$$\sigma_{pt} = RDS * x_{pt}$$

Performance index is evaluated according to equation B.3 ISO 17043:2010

$$Z \text{ Score} = \frac{x_i - x_{pt}}{\sigma_{pt}}$$

If standard uncertainty is more than 30% of Assigned Relative Deviation Standard the performance index will determined according to the following equation

$$\frac{x_i - x_{pt}}{\sqrt{\sigma_{pt}^2 + U_{x_{pt}}^2}}$$

Where:

x_i = Participant measure

x_{pt} = Assigned value

σ_{pt} = Assigned standard deviation

$U_{x_{pt}}$ = Assigned value uncertainty

The exposed procedure is used for all the parameters of this PT

In this report are showed also these two error indexes

$D = x_i - x_{pt}$: Participant absolute error

$D_{\%} = \frac{(100 * D)}{x_{pt}}$: Absolute error in percentage

	HEMATOLOGY 8 PARAMETERS APRIL 2019	RdP: Re issued ZKN247_18_2019_4.p df	
	Participant : ZKN247 Sample Lot : HE-19040	Issued on 14/05/2019 Authorized by RQS Paolo Cocci	

Analyte **WBC/GB**

Unit **$10^3 \mu\text{L}/10^9$**

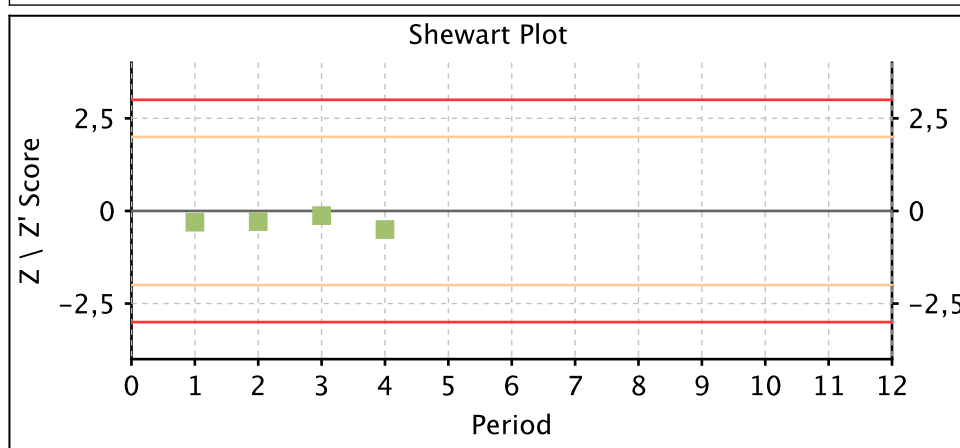
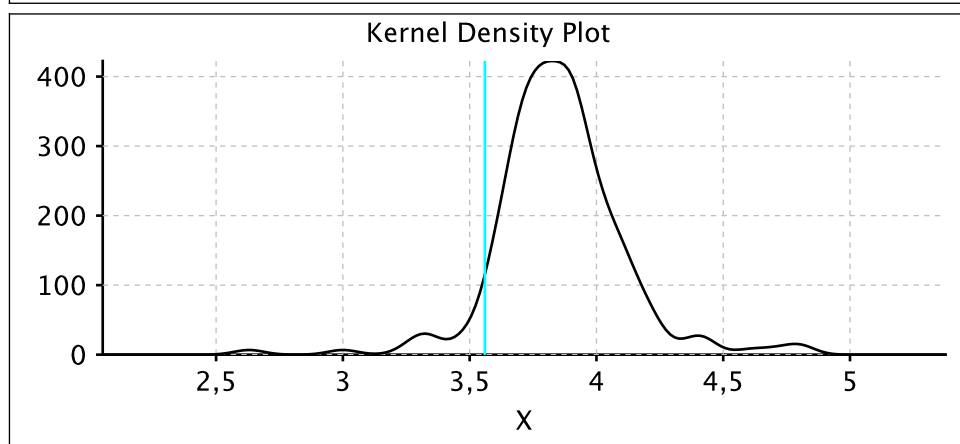
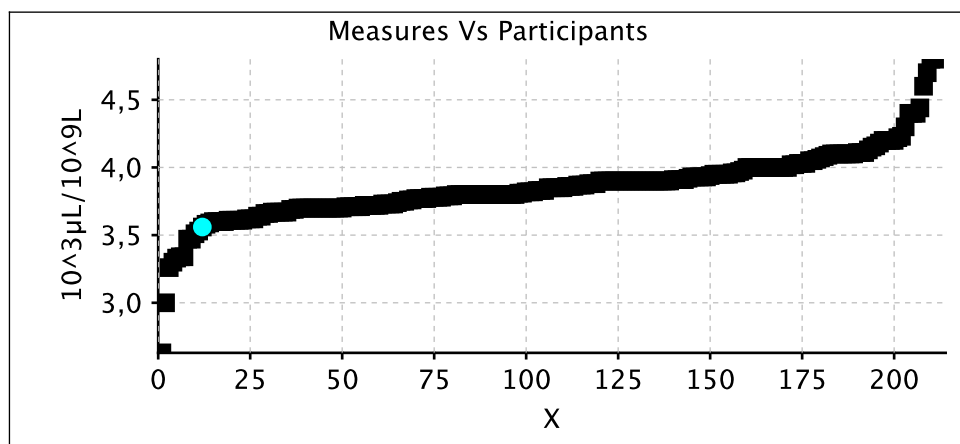
RDS **0,1500**

Analyzer **Erba Lachema**

Method **AUTOMATIC
COUNT**

Participants
number **211**

Measure	3,56
Z Score	-0,50
Standard Deviation	0,19
Assigned Value (robustus mean)	3,85
Assigned DS	0,58
Standard Uncertainty	0,02
CV%	5,00
Difference	-0,29
D%	-7,52



	HEMATOLOGY 8 PARAMETERS APRIL 2019	RdP: Re issued ZKN247_18_2019_4.p df	
	Participant : ZKN247 Sample Lot : HE-19040	Issued on 14/05/2019 Authorized by RQS Paolo Cocci	

Analyte **HGB**

Unit **g/dL**

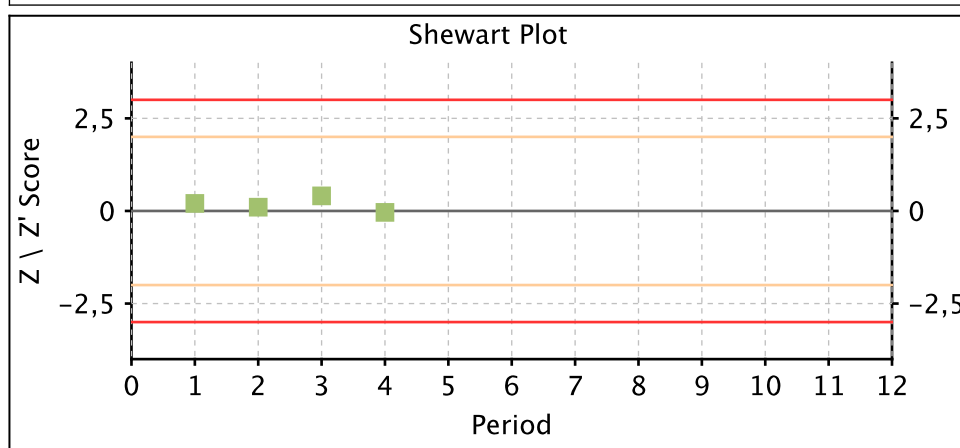
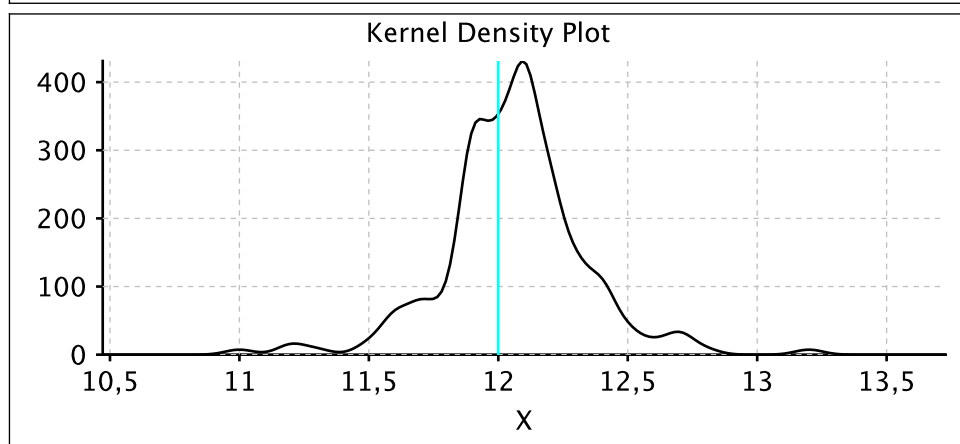
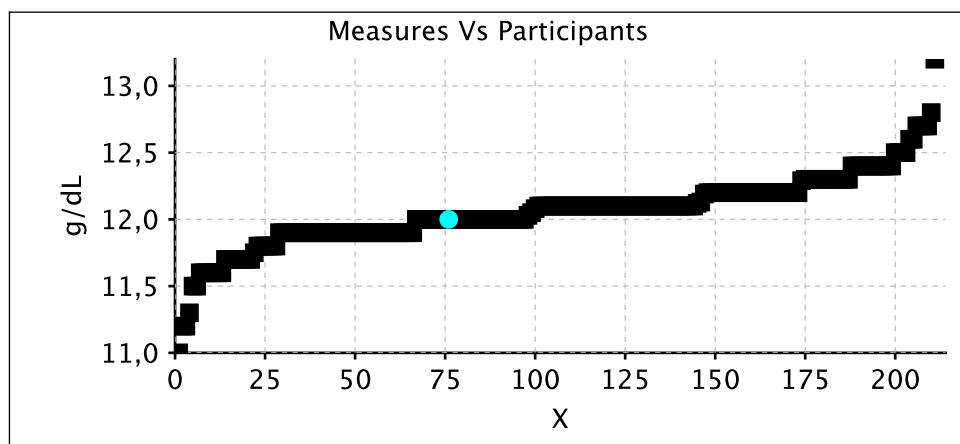
RDS **0,1500**

Analyzer **Erba Lachema**

Method **AUTOMATIC
COUNT**

Participants
number **211**

Measure	12,00
Z Score	-0,04
Standard Deviation	0,18
Assigned Value (robustus mean)	12,07
Assigned DS	1,81
Standard Uncertainty	0,02
CV%	1,46
Difference	-0,07
D%	-0,58



	HEMATOLOGY 8 PARAMETERS APRIL 2019	RdP: Re issued ZKN247_18_2019_4.p df	
	Participant : ZKN247 Sample Lot : HE-19040	Issued on 14/05/2019 Authorized by RQS Paolo Cocci	

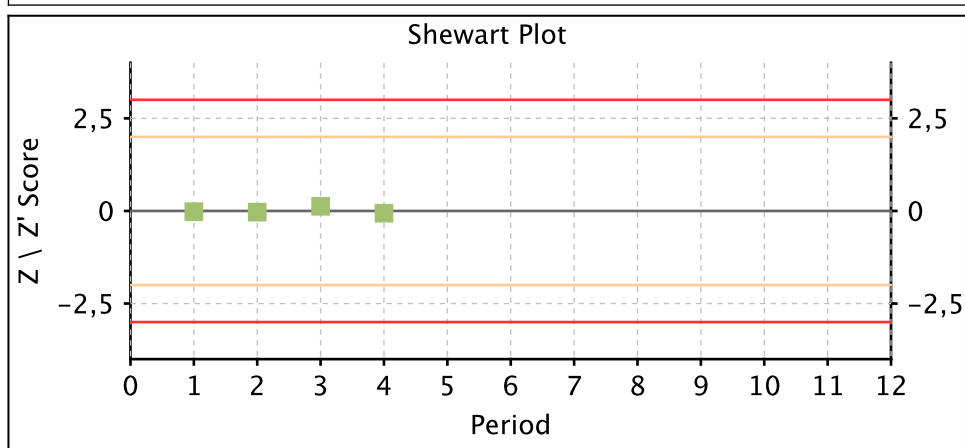
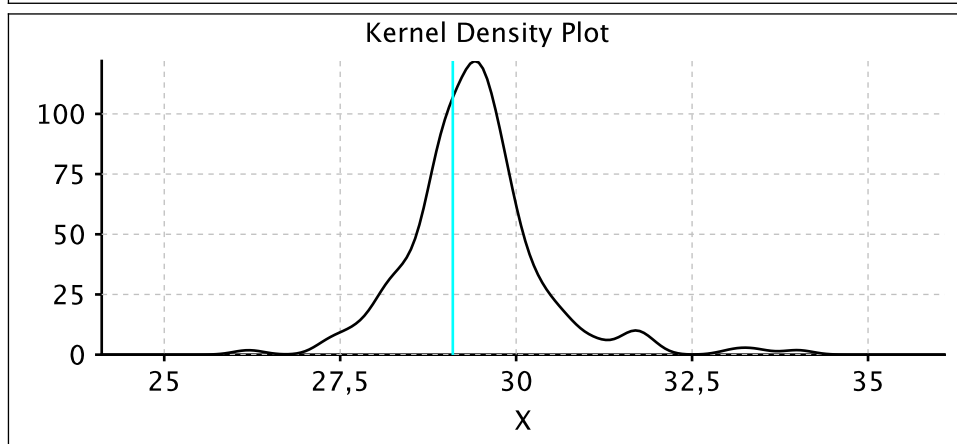
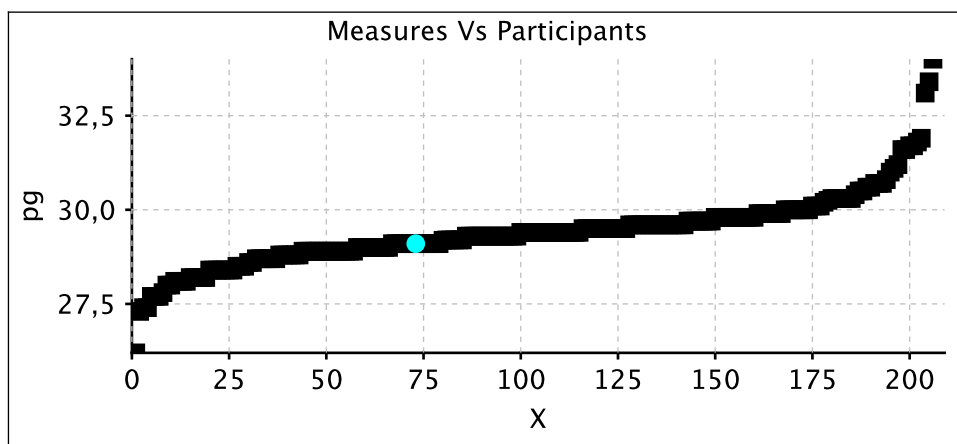
Analyte **MCH/TCMH** Unit **pg** RDS **0,1500**

Analyzer **Erba Lachema**

Method **AUTOMATIC
COUNT**

Participants
number **206**

Measure	29,10
Z Score	-0,06
Standard Deviation	0,70
Assigned Value (robustus mean)	29,37
Assigned DS	4,41
Standard Uncertainty	0,06
CV%	2,37
Difference	-0,27
D%	-0,91



	HEMATOLOGY 8 PARAMETERS APRIL 2019	RdP: Re issued ZKN247_18_2019_4.p df	
	Participant : ZKN247 Sample Lot : HE-19040	Issued on 14/05/2019 Authorized by RQS Paolo Cocci	

Analyte **MCV/VMG**

Unit **fL**

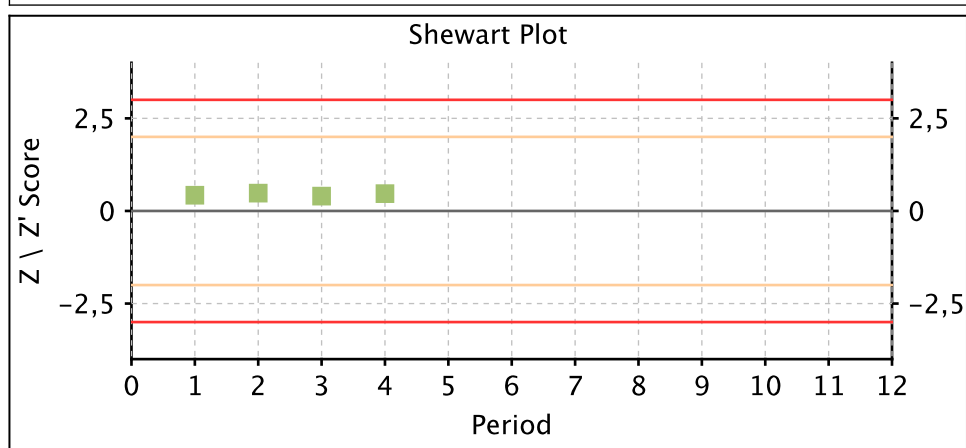
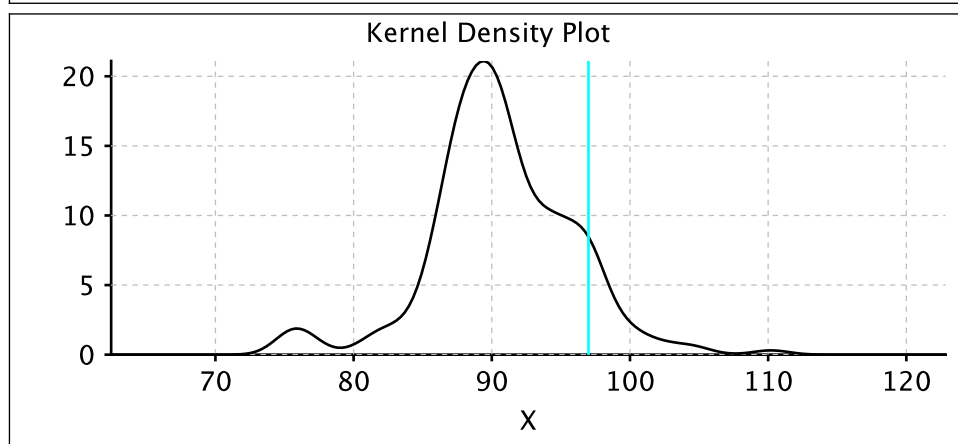
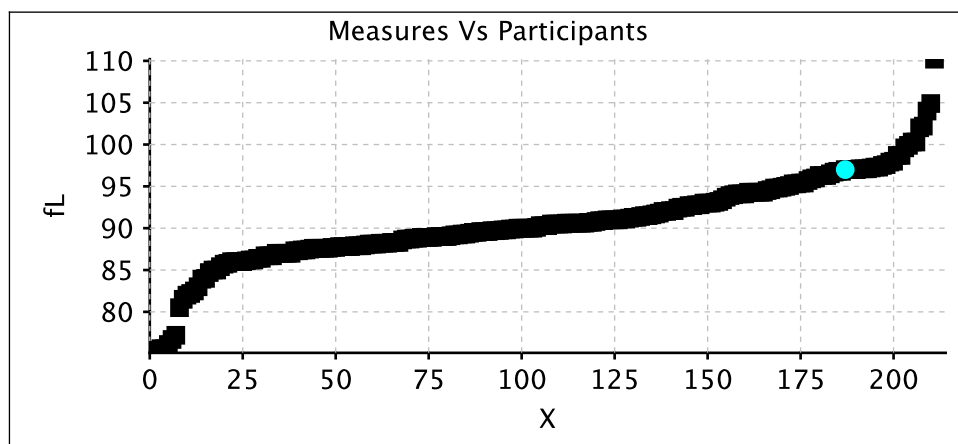
RDS **0,1500**

Analyzer **Erba Lachema**

Method **AUTOMATIC
COUNT**

Participants
number **211**

Measure	97,00
Z Score	0,47
Standard Deviation	4,22
Assigned Value (robustus mean)	90,65
Assigned DS	13,60
Standard Uncertainty	0,36
CV%	4,65
Difference	6,35
D%	7,01



	HEMATOLOGY 8 PARAMETERS APRIL 2019	RdP: Re issued ZKN247_18_2019_4.p df	
	Participant : ZKN247 Sample Lot : HE-19040	Issued on 14/05/2019 Authorized by RQS Paolo Cocci	

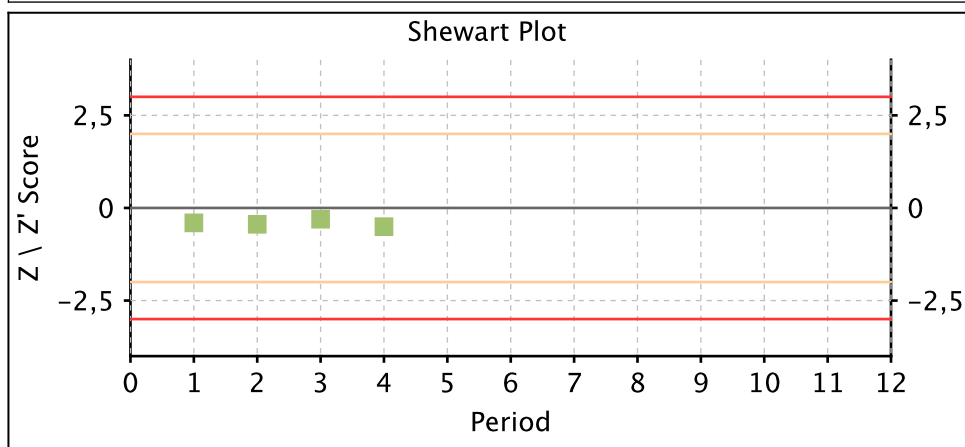
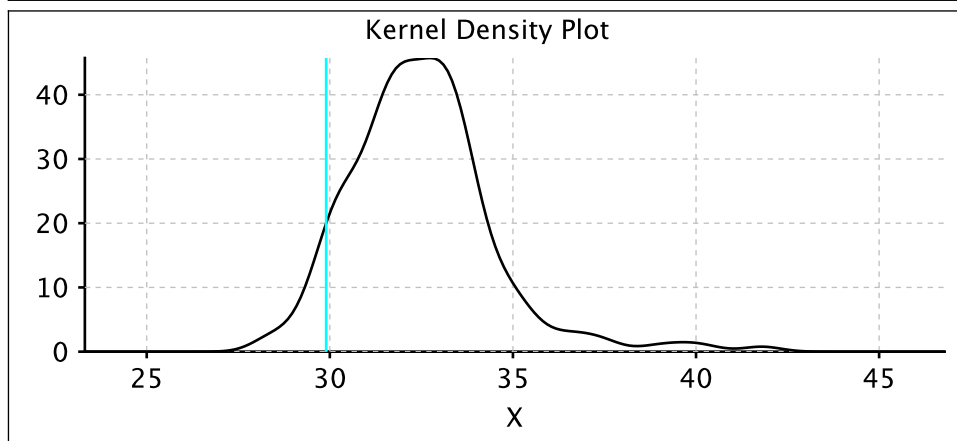
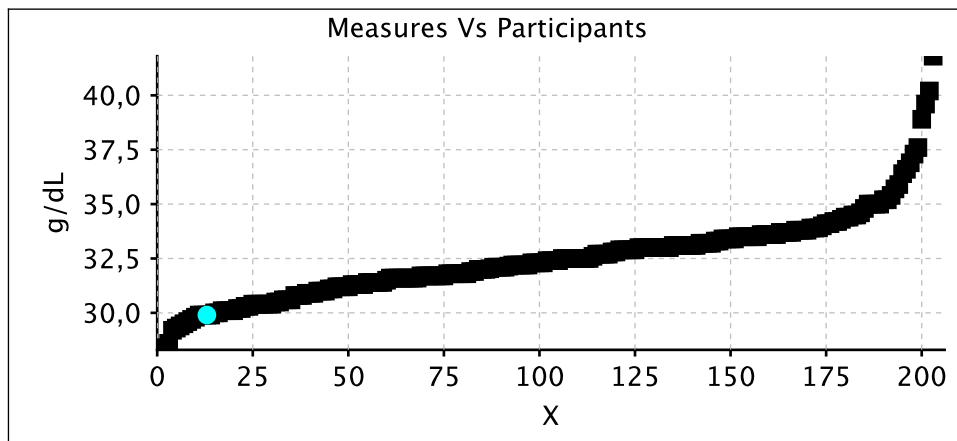
Analyte **MCHC** Unit **g/dL** RDS **0,1500**

Analyzer **Erba Lachema**

Method **AUTOMATIC COUNT**

Participants number **204**

Measure	29,90
Z Score	-0,51
Standard Deviation	1,66
Assigned Value (robustus mean)	32,35
Assigned DS	4,85
Standard Uncertainty	0,15
CV%	5,14
Difference	-2,45
D%	-7,58



	HEMATOLOGY 8 PARAMETERS APRIL 2019	RdP: Re issued ZKN247_18_2019_4.p df	
	Participant : ZKN247 Sample Lot : HE-19040	Issued on 14/05/2019 Authorized by RQS Paolo Cocci	

Analyte **RDW/IDR**

Unit %

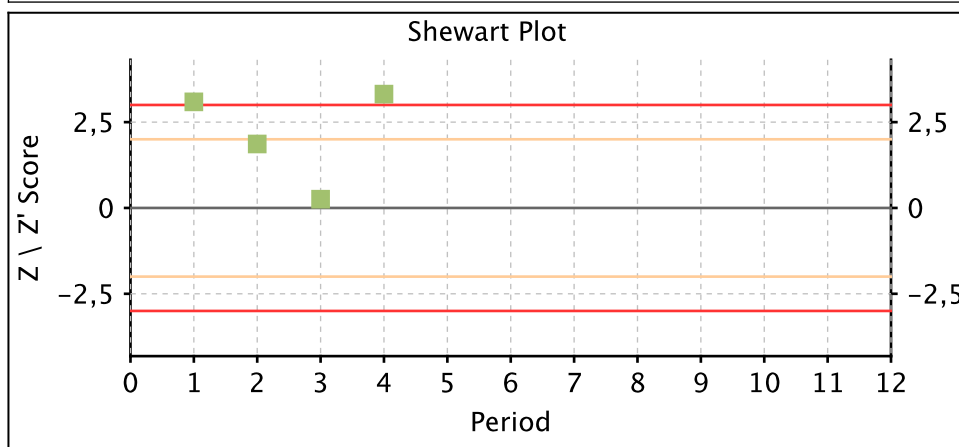
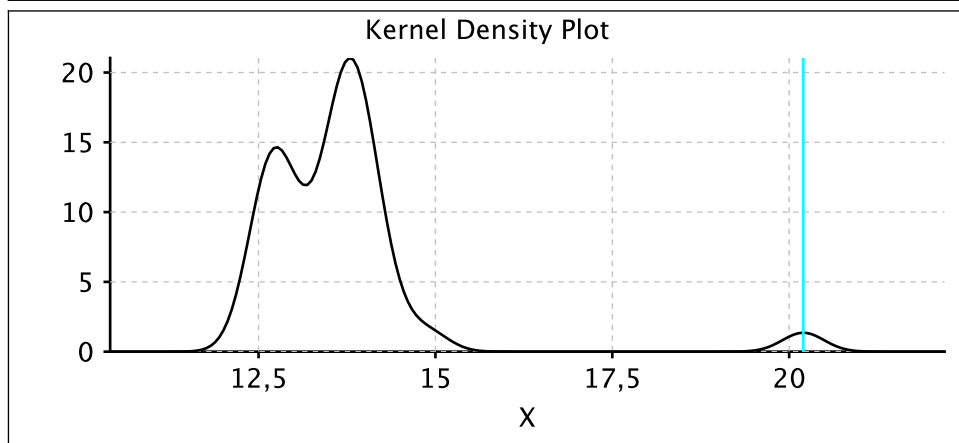
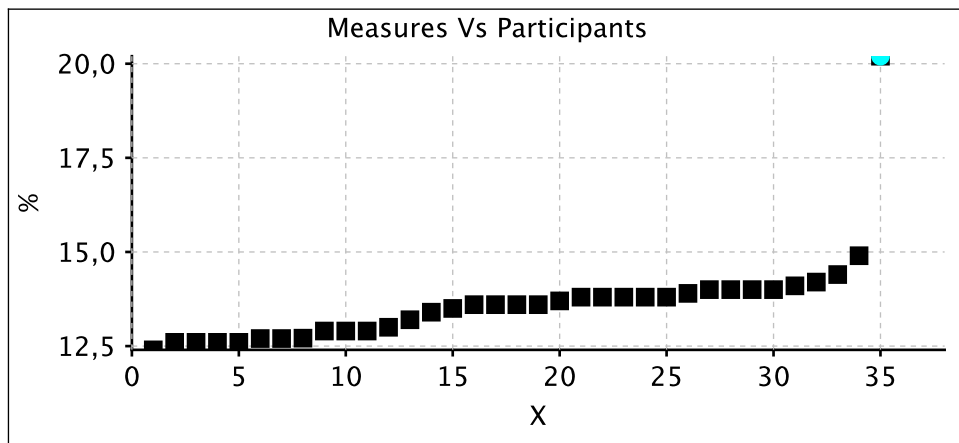
RDS **0,1500**

Analyzer **Erba Lachema**

Method **AUTOMATIC COUNT**

Participants number **35**

Measure	20,20
Z Score	3,32
Standard Deviation	0,67
Assigned Value (robustus mean)	13,49
Assigned DS	2,02
Standard Uncertainty	0,14
CV%	4,94
Difference	6,71
D%	49,74

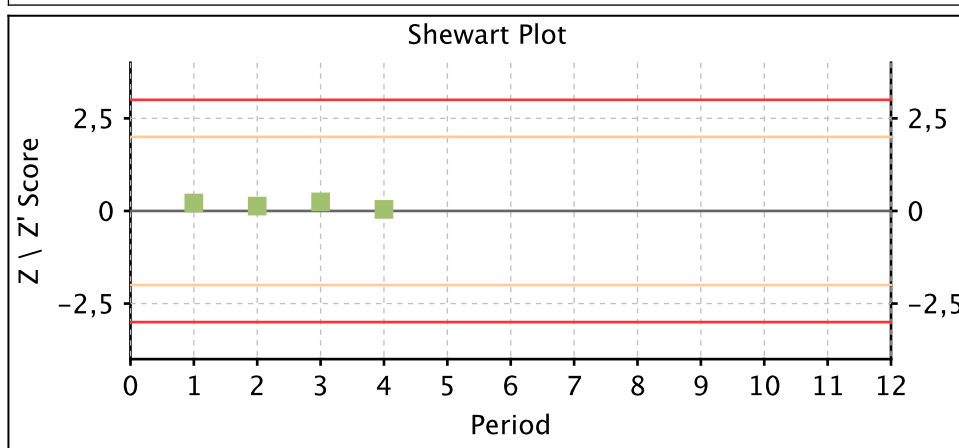
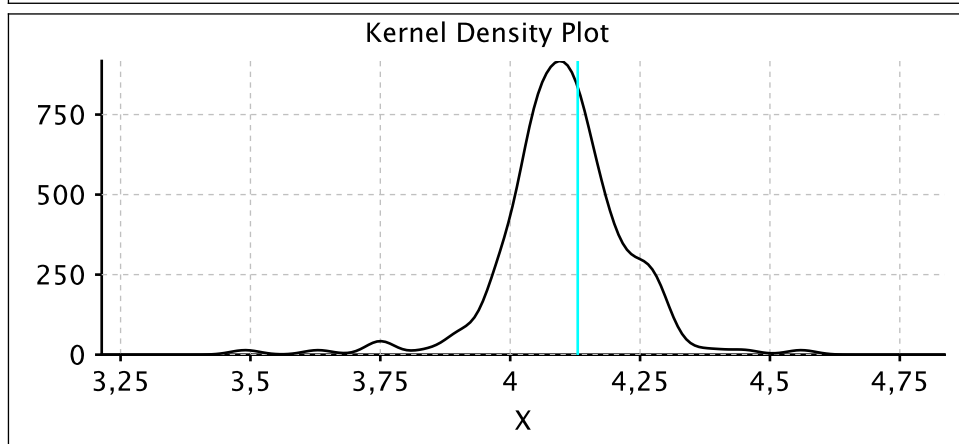
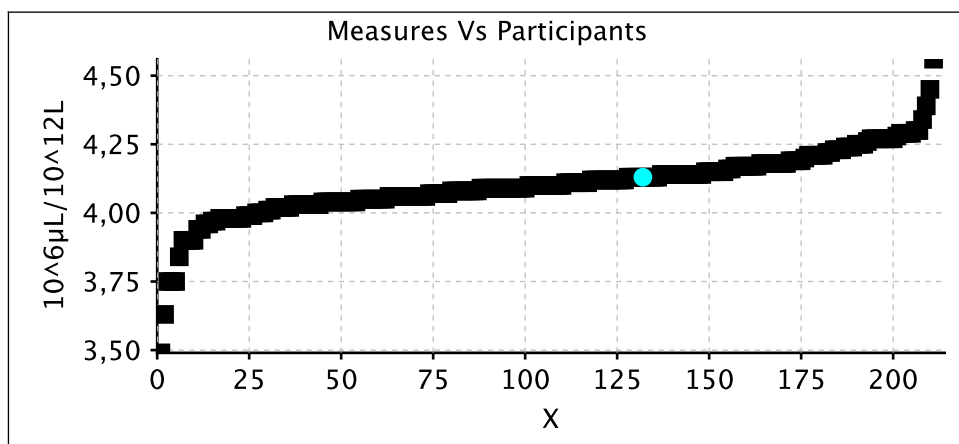


	HEMATOLOGY 8 PARAMETERS APRIL 2019	RdP: Re issued ZKN247_18_2019_4.p df	
	Participant : ZKN247 Sample Lot : HE-19040	Issued on 14/05/2019 Authorized by RQS Paolo Cocci	

Analyte **RBC/GR** Unit **10⁶μL/10¹ 2L** RDS **0,1500**

Analyzer **Erba Lachema** Method **AUTOMATIC COUNT** Participants number **211**

Measure	4,13
Z Score	0,04
Standard Deviation	0,09
Assigned Value (robustus mean)	4,10
Assigned DS	0,62
Standard Uncertainty	0,01
CV%	2,24
Difference	0,03
D%	0,63



	HEMATOLOGY 8 PARAMETERS APRIL 2019	RdP: Re issued ZKN247_18_2019_4.p df	
	Participant : ZKN247 Sample Lot : HE-19040	Issued on 14/05/2019 Authorized by RQS Paolo Cocci	

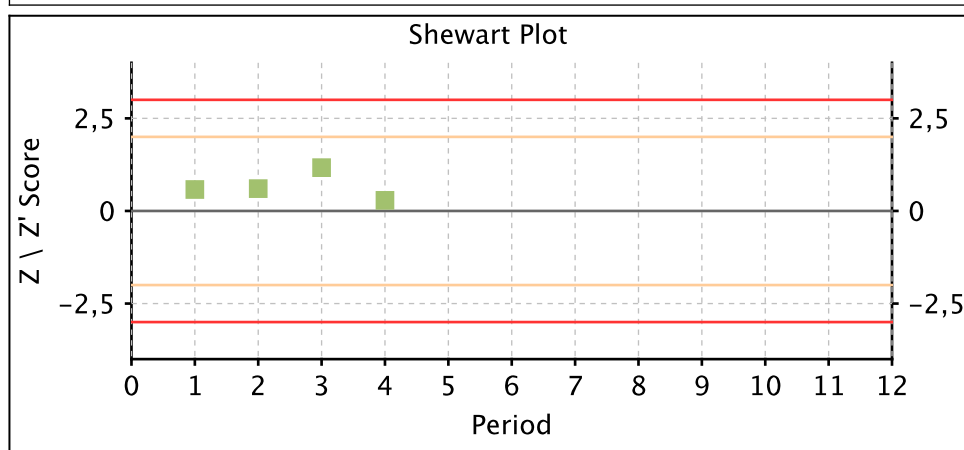
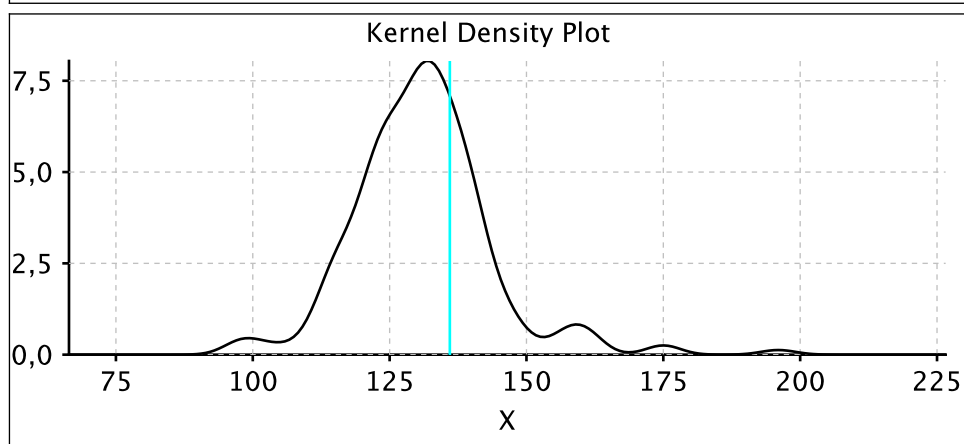
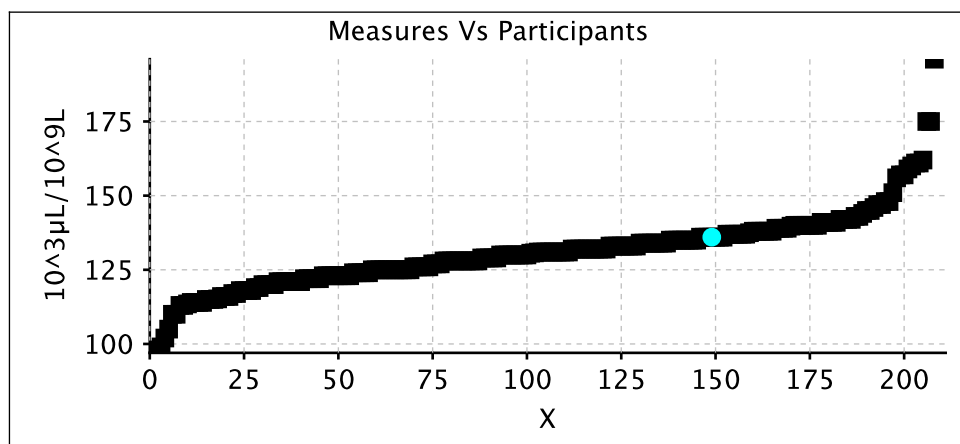
Analyte **PLT/PLQ** Unit **$10^3 \mu\text{L}/10^9$** RDS **0,1500**

Analyzer **Erba Lachema**

Method **AUTOMATIC COUNT**

Participants number **211**

Measure	136,0
Z Score	0,29
Standard Deviation	10,19
Assigned Value (robustus mean)	130,40
Assigned DS	19,56
Standard Uncertainty	0,88
CV%	7,82
Difference	5,60
D%	4,30



	HEMATOLOGY 8 PARAMETERS APRIL 2019	RdP: Re issued ZKN247_18_2019_4.p df	
	Participant : ZKN247 Sample Lot : HE-19040	Issued on 14/05/2019 Authorized by RQS Paolo Cocci	

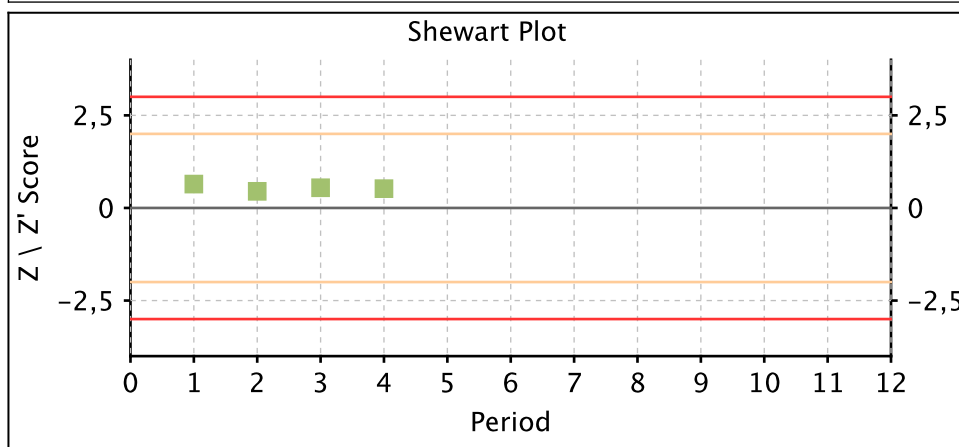
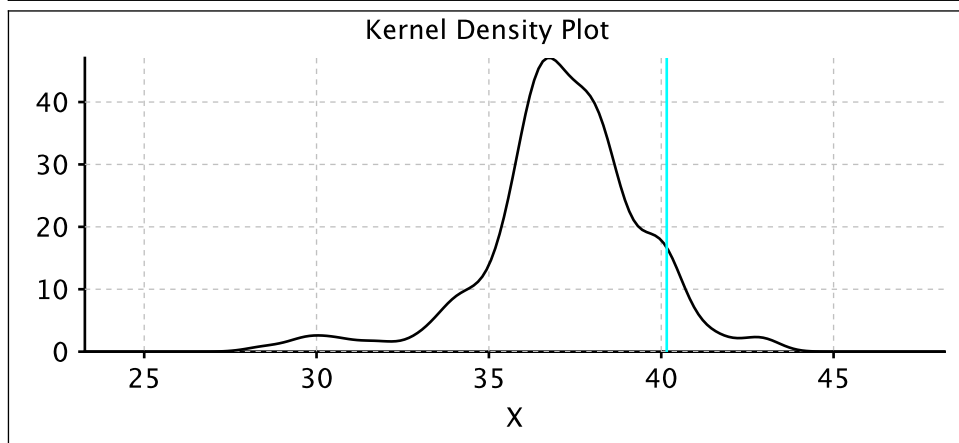
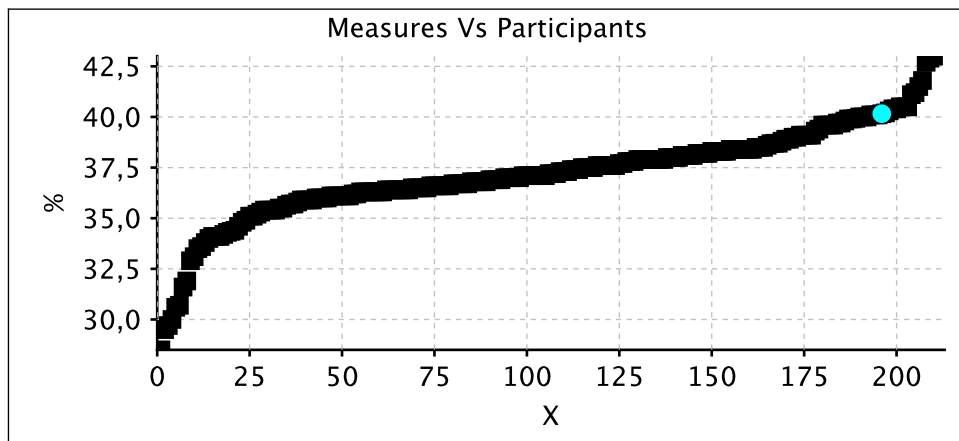
Analyte **HCT** Unit **%** RDS **0,1500**

Analyzer **Erba Lachema**

Method **AUTOMATIC COUNT**

Participants number **211**

Measure	40,16
Z Score	0,52
Standard Deviation	1,74
Assigned Value (robustus mean)	37,25
Assigned DS	5,59
Standard Uncertainty	0,15
CV%	4,67
Difference	2,91
D%	7,82



	HEMATOLOGY 8 PARAMETERS APRIL 2019	RdP: Re issued ZKN247_18_2019_4.p df	
	Participant : ZKN247 Sample Lot : HE-19040	Issued on 14/05/2019 Authorized by RQS Paolo Cocci	

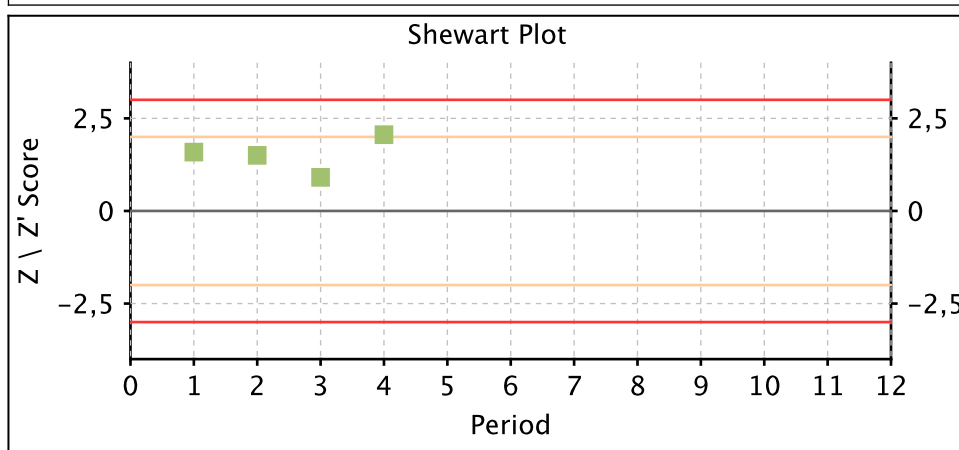
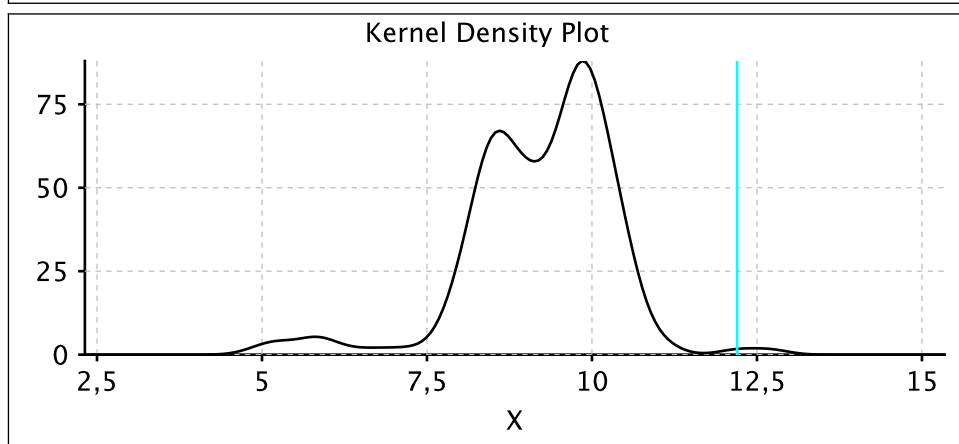
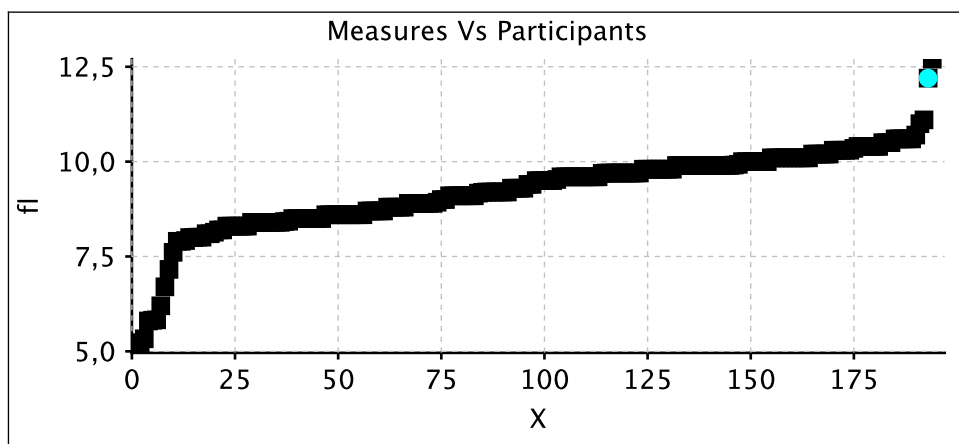
Analyte **MPV** Unit **fl** RDS **0,1500**

Analyzer **Erba Lachema**

Method **AUTOMATIC COUNT**

Participants number **195**

Measure	12,20
Z Score	2,06
Standard Deviation	0,88
Assigned Value (robustus mean)	9,32
Assigned DS	1,40
Standard Uncertainty	0,08
CV%	9,45
Difference	2,88
D%	30,88



	HEMATOLOGY 8 PARAMETERS APRIL 2019	RdP: Re issued ZKN247_18_2019_4.p df	
	Participant : ZKN247 Sample Lot : HE-19040	Issued on 14/05/2019 Authorized by RQS Paolo Cocci	

Analyte	Assigned Value (robustus mean)	Measure	Standard Deviation	CV%	Z \ Z'	Z Score	D%	REMARK
WBC/GB	3,85	3,56	0,19	5,00	Z	-0,50	-7,52	OK
HGB	12,07	12,00	0,18	1,46	Z	-0,04	-0,58	OK
MCH/TCMH	29,37	29,10	0,70	2,37	Z	-0,06	-0,91	OK
MCV/VMG	90,65	97,00	4,22	4,65	Z	0,47	7,01	OK
MCHC	32,35	29,90	1,66	5,14	Z	-0,51	-7,58	OK
RDW/IDR	13,49	20,20	0,67	4,94	Z	3,32	49,74	ACTION
RBC/GR	4,10	4,13	0,09	2,24	Z	0,04	0,63	OK
PLT/PLQ	130,40	136,00	10,19	7,82	Z	0,29	4,30	OK
HCT	37,25	40,16	1,74	4,67	Z	0,52	7,82	OK
MPV	9,32	12,20	0,88	9,45	Z	2,06	30,88	WARNING

Z indicates participant's performance score. Typically, the absolute value of Z obtained by the participant gives indications summarized in the following scheme:

- "indicates ""satisfactory"" performance and does not generate any signal"
- "indicates ""questionable"" performances and generates a warning signal"
- "indicates ""unsatisfactory"" performance and generates an Action signal"

For each parameter, the graphic representation of Shewart is also provided, which allows the evaluation of performance over time in accordance with point B4.2 ISO 17043: 2010 for the purposes of self-improvement.

This test report consists of N ° 14 pages



BIO GROUP – MEDICAL SYSTEM Srl
Strumentazione e Diagnostici
Loc. Campiano, 9/B – 47867 Talamello (RN)
e.mail: info@biogroupmedicalsystem.com
Tel. +39 0541 920686
Fax +39 0541 922130

Declaration of conformity certificate

We: Bio Group Medical System Srl Loc. Campiano 9/B, Talamello (RN) 47867 Italy
Ensure and declare with sole responsibility that the products:

Internal code: MSEQUALITYCH-MSEQSCH12-MSEQSCH4 EDMA Code: 38220000	Commercial name: QS Clinical Chemistry First lot introduced in market: 112-NB
Internal code: MSEQUALITYPS EDMA Code: 38220000	Commercial name: QS Specific Protein First lot introduced in market: 220-NB
Internal code: MSEQUALITYEF EDMA Code: 38220000	Commercial name: QS Electrophoresis First lot introduced in market: 220-NB
Internal code: MSEQUALITYE8-MSEQSE12 EDMA Code: 30021095	Commercial name: QS Hematology First lot introduced in market: 2020-EN
Internal code: MSEQUALITYC-MSEQSC12-MSEQSC4 EDMA Code: 38220000	Commercial name: QS Coagulation First lot introduced in market: 084
Internal code: MSEQUALITYI-MSEQSI12-MSEQSI4 EDMA Code: 38220000	Commercial name: QS Immunology First lot introduced in market: 360
Internal code: MSEQUALITYB EDMA Code: 38220000	Commercial name: QS Bacteriology First lot introduced in market: 326
Internal code: MSEQUALITYS EDMA Code: 38220000	Commercial name: QS Serology First lot introduced in market: 1020-SI
Internal code: MSEQUALITYU EDMA Code: 38220000	Commercial name: QS Urine First lot introduced in market: 002-U
Internal Code: MSEQUALITYH-MSEQSHB12 EDMA Code: 38220000	Commercial name: QS HBA1C First lot introduced in market: 001-H
Internal Code: MSEQUALITYD EDMA Code: 38220000	Commercial name: QS Drug of Abuse First lot introduced in market: 330-D
Internal Code: MSEQUALITYSO EDMA Code: 38220000	Commercial name: QS FOB First lot introduced in market: 110-F
Internal Code: MSEQUALITYESR EDMA Code: 30021095	Commercial name: QS ESR First lot introduced in market: 001-V
Internal Code: MSEQUALITYCM EDMA Code: 38220000	Commercial Name: QS Cardiac Marker First lot introduced in market: 201-C

meet the provisions of Council Directive 98/79/CE, annex I, as expected according to Council Directive 98/79/CE, annex III, concerning In Vitro Medical-Diagnostic Devices, which apply to us.

To this purpose, we guarantee and declare, on our own responsibility, what follows:

- ◆ Subsequent lots will be consistent with technical specification of the first lot. This conformity will be attested on the quality control certificate.
- ◆ The specified item satisfy the all dispositions applicable of Directive 98/79/CE
- ◆ We undertake in storing and placing to the competent Authority disposal the technical dossier of the product, as required by Council Directive 98/79/CE, annex III, as well as the production and control registrations for a period of at least 5 years after the last production date of the last lot.
- ◆ The specified device is designed, manufactured, and commercialized with date of first release not preceding the present one.

The present conformity declaration has validity of a maximum of 5 years.

Moreover, the manufacturer declare to have established and to maintain an appropriate procedure to guarantee the post-sale surveillance, as requested by Council Directive 98/79/CE.



Talamello, January the 29th, 2019

Cap. Soc. € 75.300,00 i.v. – Reg. Trib. Pesaro 7163 C.C.I.A.A. 98204 – P.I.A.C. Fisc. 0096170419

BIO GROUP
MEDICAL SYSTEM SRL
Loc. Campiano 9/B – 47867 Talamello (RN)
P.I.A.C. Fisc. 0096170419



CERTIFICATO DI ACCREDITAMENTO Accreditation Certificate

ACCREDITAMENTO N.
ACCREDITATION N.

0017P REV. 00

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ISSUED BY

DIPARTIMENTO LABORATORI DI PROVA

SI DICHIARA CHE
WE DECLARE THAT

BIO-GROUP MEDICAL SYSTEM S.r.l.

Sede/Headquarters:

- Loc. Campiano 9/b - 47867 Talamello RN

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UNI CEI EN ISO/IEC 17043:2010

MEETS THE REQUIREMENTS
OF THE STANDARD

ISO/IEC 17043:2010

QUALE

Organizzatori di prove valutative interlaboratorio

AS

Proficiency Testing Provider

Data di 1^a emissione
1st issue date
14-11-2018

Data di modifica
Modification date
14-11-2018

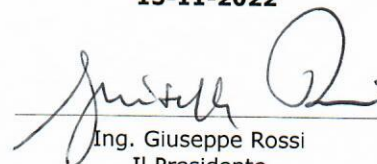
Data di scadenza
Expiring date
13-11-2022



Dott.ssa Silvia Tramontin
Il Direttore di Dipartimento
The Department Director



Dott. Filippo Trifiletti
Il Direttore Generale
The General Director



Ing. Giuseppe Rossi
Il Presidente
The President

L'accREDITAMENTO attesta la competenza tecnica dell'Organizzazione relativamente al campo di accREDITAMENTO riportato nell'Elenco Schemi allegato al presente certificato di accREDITAMENTO.

Il presente certificato non è da ritenersi valido se non accompagnato dagli Elenchi Schemi, che possono variare nel tempo.

La validità dell'accREDITAMENTO può essere verificata sul sito web (www.accredia.it) o richiesta al Dipartimento di competenza.

The accreditation certifies the technical competence of the organisation limited to the scope detailed in the attached Enclosure.

The present certificate is valid only if associated to the annexed schedule, that may vary in the time.

Confirmation of the validity of accreditation can be verified on website www.accredia.it or by contacting the relevant Department.

DIRUI



Product Catalogue»



COMPANY PROFILE >>

Located in Changchun, the heart of North Eastern China, DIRUI Industrial Co., Ltd is a supplier of world class laboratory solutions for trusted medical facilities worldwide.

Since its establishment in 1992, DIRUI has been dedicated to the research & development, manufacturing and sales of high quality medical testing products (medical devices, diagnostic reagents, and immunoreagents). Dirui's collective product portfolio not only represents some of the most advanced medical testing technology in China but also the world. Furthermore DIRUI has obtained a multitude of national invention patents as well as the CE mark for all products manufactured. Pioneering the technologies of anti-VC urinalysis reagent strips and quality controls, DIRUI is also the first Chinese domestic manufacturer of automatic bio-chemical analyzers such as the acclaimed CS-800 clinical chemistry analyzer as well as the H-800 fully automatic urine analyzer. DIRUI's BF series hematology analyzers and FUS series urine sediment analyzers feature world class advanced technology to ensure the highest quality results on a stable, easy to use system.

Dirui is an ISO9001 and ISO13485 certified manufacturer. With quality at the forefront of our corporate ideology Dirui has successfully gained a foot hold in the international medical industry and shall tirelessly strive to provide our customers with ever improving products and service.



CHEMISTRY ANALYZER

.....	1
CS-6400 Auto-Chemistry System	01
CS-4000 Auto-Chemistry System	02
CS-1600 Auto-Chemistry Analyzer	03
CS-1300B Auto-Chemistry Analyzer	04
CS-1200 Auto-Chemistry Analyzer	05
CS-600B Auto-Chemistry Analyzer	06
CS-400 Auto-Chemistry Analyzer	07
CS-300B Auto-Chemistry Analyzer	08
CS-T240 Auto-Chemistry Analyzer	09
DR-7000D Semi-Automatic Chemistry Analyzer	10
Quality control & Calibrator	11
CS Series Auto-ChemistryAnalyzer Reagent	12
CS-T240 CS-300B Auto-Chemistry Analyzer Reagent	13

HEMATOLOGY ANALYZER

.....	16
BF-6880 Automatic Hematology Analyzer	16
BF-6800 Automatic Hematology Analyzer	17
BF-6500 Automatic Hematology Analyzer	18
BF-5180 Automatic Hematology Analyzer	19
BCC-3600 Hematology Analyzer	20
BCC-3000BHematology Analyzer	21

URINE ANALYZER

.....	22
Automatic Urinalysis System(FUS-200&H-800)	22
Automatic Urinalysis System(FUS-100&H-800)	23
FUS-2000 Urinalysis Hybrid	24
FUS-200 Urine Sediment Analyzer	25
FUS-100 Urine Sediment Analyzer	26
H-1000 Automatic Urine Analyzer	27
H-800 Automatic Urine Analyzer	28
H-500 Urine Analyzer	29
H-100 Urine Analyzer	30
Urinalysis Control	31
Dirui Urinalysis Strips Collection	32

FECAL OCCULT BLOOD ANALYZER

.....	33
FB-100 Fecal Occult Blood Analyzer	33

CS-6400

Auto-Chemistry System



CS-6400 Auto-Chemistry System, the most intelligent version of DIRUI CS series analyzers, offer an extreme efficient work style to achieve your turnaround time goals. Utilizing the advanced technology to improved laboratory efficiency, cost-effective and optimized productivity. Flexible combination design provides customers with multiple choices. The throughput of each photometric module is 1600 T/H, matching 1 to 4 modules and 1 ISE modules which could reach up to 7360 T/H.

Product Features:

- © Fully automatic, random access
- © 1600T/H each module, maximum matching 4 modules and 1 ISE module
- © 2 Refrigerated reagent compartments for each module, 134 reagent positions for each reagent compartment
- © Double circle reaction cuvettes, totally 330 reaction cuvettes
- © 8 stops 11 steps automatic rinsing system
- © LIS interface, supporting remote maintenance
- © Wavelength: 340nm, 380nm, 405nm, 450nm, 480nm, 505nm, 546nm, 570nm, 600nm, 660nm, 700nm, 750nm and 800nm
- © Automatic clot detection and automatic checking of serum indices

Order Information:

Product Number	Description	Pack size
1520502005	DIRUI CS-6400-10 Auto-Chemistry System	1 module with PC
1520502009	DIRUI CS-6400-20 Auto-Chemistry System	2modules with PC
1520502011	DIRUI CS-6400-30 Auto-Chemistry System	3 modules with PC
1520502013	DIRUI CS-6400-40 Auto-Chemistry System	4 modules with PC
1520502018	DIRUI CS-6400 ISE module with single unit	1 module
1520502019	DIRUI CS-6400 ISE module with double unit	1 module

Product Number	Description	Volume	Pack Size
2320901001	CS-Anti-Bacterial Phosphor-Free Detergent	500ml/ bottle	1 bottle
2320901009	CS-Alkaline Detergent	5L/ barrel	1 barrel
2320901010	CS-Alkaline Detergent	500ml/ battle	1 bottle
2320903002	CS-Reference Liquid	2L/ barrel	1 barrel
2320904002	CS-Internal Standard Liquid	2L/ barrel	1 barrel
2320902002	CS-Diluent	2L/ barrel	1 barrel
2320910001	CS-ISE Detergent	100ml/ bottle	1 bottle

CS-4000

Auto-Chemistry System



CS-4000 Auto-Chemistry System, the new version of DIRUI CS series analyzers and applications offer fabulous efficiency to satisfy the turnaround time requirements. Utilizing the advanced technology to improve laboratories efficiency and optimize the labor costs. Flexible combination design provides customers with multiple choices, the excellent throughput of each photometric module is 1000 T/H, matching 1 to 4 modules and 1 ISE module could reach up to 4960 T/H.

Product Features:

- © Fully automatic, random access
- © 1000 T/H each module, maximum matching 4 modules and 1 ISE module
- © 2 Refrigerated reagent compartments for each module, 67 reagent positions for each reagent compartment
- © 8 steps 11 steps automatic rinsing system
- © LIS interface, supporting remote maintenance
- © Wavelength: 340nm, 380nm, 405nm, 450nm, 480nm, 505nm, 546nm, 570nm, 600nm, 660nm, 700nm, 750nm and 800nm
- © Automatic clot detection and automatic checking of serum indices

Order Information:

Product Number	Description	Pack size
1520502027	DIRUI CS-4000-10 Auto-Chemistry System	1 module with PC
1520502028	DIRUI CS-4000-20 Auto-Chemistry System	2modules with PC
1520502029	DIRUI CS-4000-30 Auto-Chemistry System	3 modules with PC
1520502030	DIRUI CS-4000-40 Auto-Chemistry System	4 modules with PC
1520502033	DIRUI CS-4000 ISE module with single unit	1 module
1530504011	DIRUI CS-4000 ISE module with double unit	1 module

Product Number	Description	Volume	Pack Size
2320901001	CS-Anti-Bacterial Phosphor-Free Detergent	500ml/ bottle	1 bottle
2320901009	CS-Alkaline Detergent	5L/ barrel	1 barrel
2320901010	CS-Alkaline Detergent	500ml/ bottle	1 bottle
2320903002	CS-Reference Liquid	2L/ barrel	1 barrel
2320904002	CS-Internal Standard Liquid	2L/ barrel	1 barrel
2320902002	CS-Diluent	2L/ barrel	1barrel
2320910001	CS-ISE Detergent	100ml/ bottle	1 bottle

CS-1600

Auto-Chemistry Analyzer



CS-1600 Auto Chemistry Analyzers a fast version of DIRUI CS series analyzers. It uses advanced technology to improve laboratory efficiency, cost-effective, increased detectable efficiency and stability. It can fit laboratory size form medium to large with an excellent throughput 1200 T/H.

Product Features:

- ◎Fully automatic, random access
- ◎Throughput is 1200T/H for photometry test, and the maximum throughput is 1350 T/H with a 450 T/H ISE
- ◎2 refrigerated reagent compartments, 134 reagent positions
- ◎Double circle reaction cuvettes, totally 330 reaction cuvettes
- ◎8 stops 11 steps automatic rinsing system
- ◎Support LIS connection, as well as remote maintenance operation
- ◎Wavelength: 340nm, 380nm, 405nm, 450nm, 480nm, 505nm, 546nm, 570nm, 600nm, 660nm, 700nm, 750nm and 800nm
- ◎Automatic clot detection and automatic checking of serum indices

Order Information:

Product Number	Description	Pack size
1520502006	DIRUI CS-1600 Auto-Chemistry Analyzer	1 instrument with PC
1520502008	DIRUI CS-1600 Auto-Chemistry Analyzer with ISE unit	1 instrument with PC

Product Number	Description	Volume	Pack Size
2320901001	CS-Anti-Bacterial Phosphor-Free Detergent	500ml/ bottle	1 bottle
2320901009	CS-Alkaline Detergent	5L/ barrel	1 barrel
2320901010	CS-Alkaline Detergent	500ml/ battle	1 bottle
2320903002	CS-Reference Liquid	2L/ barrel	1 barrel
2320904002	CS-Internal Standard Liquid	2L/ barrel	1 barrel
2320902002	CS-Diluent	2L/ barrel	1 barrel
2320910001	CS-ISE Detergent	100ml/ bottle	1 bottle

CS-1300B

Auto-Chemistry Analyzer



CS-1300B Auto-Chemistry Analyzer is a member of DIRUI CS series analyzers. Features include detectable efficiency, stability, lowering the cost and saving the operation time. The throughput is 900 T/H which suit the laboratory size from medium to large.

Product Features:

- ◎Fully automatic, random access
- ◎Constant speed 900 T/H for photometry test, it can reach up to 1050 with a 450 T/H ISE
- ◎2 Refrigerated reagent compartments, 132 reagent position with extra 2 Anti-Bacteria PhosphorFree Detergent positions
- ◎8 stops 12 steps automatic rinsing system
- ◎Support LIS connection, as well as remote maintenance operation
- ◎Wavelength: 340nm, 380nm, 405m, 450nm, 480nm, 505nm, 546nm, 570nm, 600nm, 660nm, 700nm and 800nm
- ◎Automatic clot detection and automatic checking of serum indices

Order Information:

Product Number	Description	Pack size
1520502024	DIRUI CS-1300B Auto-Chemistry Analyzer	1 module
1520502020	DIRUI CS-1300B Auto-Chemistry Analyzer with ISE unit	1 module

Product Number	Description	Volume	Pack Size
2320901001	CS-Anti-Bacterial Phosphor-Free Detergent	500ml/ bottle	1 bottle
2320901003	CS-Alkaline Detergent	2L/ barrel	1 barrel
2320903002	CS-Reference Liquid	2L/ barrel	1 barrel
2320904002	CS-Internal Standard Liquid	2L/ barrel	1 barrel
2320902002	CS-Diluent	2L/ barrel	1 barrel
2320910001	CS-ISE Detergent	100ml/ bottle	1 bottle

CS-1200

Auto-Chemistry Analyzer



CS-1200 Auto-Chemistry Analyzer provides high technology to lower the cost and reduce the operation time. Meanwhile, it also can provide a stable testing procedure and accurate test results. The throughput is 800 T/H which will fit requirements for the lab size from medium to large.

Product Features:

- ◎Fully automatic, random access
- ◎Throughput 800 T/H, and the maximum throughput can reach to 960 T/H with a 480 T/H ISE
- ◎2 Refrigerated reagent compartments, 132 reagent positions
- ◎8 stops 12 steps automatic rinsing system
- ◎Support LIS connection, as well as remote maintenance operation
- ◎Wavelength: 340nm, 380nm, 405nm, 450nm, 480nm, 505nm, 546nm, 570nm, 600nm, 660nm, 700nm and 800nm
- ◎Automatic clot detection and automatic checking of serum indices

Order Information:

Product Number	Description	Pack size
1520502016	DIRUI CS-1200 Auto-Chemistry Analyzer	1 module
1520502025	DIRUI CS-1200 Auto-Chemistry Analyzer with ISE unit	1 module

Product Number	Description	Volume	Pack Size
2320901001	CS-Anti-Bacterial Phosphor-Free Detergent	500ml/ bottle	1 bottle
2320901003	CS-Alkaline Detergent	2L/ barrel	1 barrel
2320903002	CS-Reference Liquid	2L/ barrel	1 barrel
2320904002	CS-Internal Standard Liquid	2L/ barrel	1 barrel
2320902002	CS-Diluent	2L/ barrel	1 barrel
2320910001	CS-ISE Detergent	100ml/ bottle	1 bottle

CS-600B

Auto-Chemistry Analyzer



CS-600B Auto-Chemistry Analyzer is a high efficiency, medium-size analyzer with the throughput of 600 T/H, which is one of the most popular instruments in the global market. This model is built in some new functions which meet the demands of medium size laboratories.

Product Features:

- ◎Fully automatic, random access
- ◎Constant speed 600 T/H for photometry test, and the maximum throughput can reach to 1000 H/T with a 600 T/H ISE
- ◎2 Refrigerated reagent compartments and 1 sample compartment
- ◎90 reagent positions and 115 sample positions
- ◎7 stops 11 steps washing system
- ◎LIS interface, supporting remote maintenance
- ◎Wavelength: 340nm, 380nm, 405nm, 450nm, 480nm, 505nm, 546nm, 570nm, 600nm, 660nm, 700nm and 800nm
- ◎Automatic clot detection and automatic checking of serum indices

Order Information:

Product Number	Description	Pack Size
1520501004	DIRUI CS-600B Auto-Chemistry Analyzer	1 instrument
1520501005	DIRUI CS-600B Auto-Chemistry Analyzer with ISE unit	1 instrument

Product Number	Description	Volume	Pack Size
2320901001	CS-Anti-Bacterial Phosphor-Free Detergent	500ml/ bottle	1 bottle
2320901003	CS-Alkaline Detergent	2L/ barrel	1 barrel
2320903001	Reference Liquid for Auto-Chemistry Analyzer	500ml/ bottle	1 bottle
2320904001	Internal Standard Liquid for Auto-Chemistry Analyzer	2L/ barrel	1 barrel
2320902001	Piluent for Auto-Chemistry Analyzer	2L/ barrel	1 barrel
2320910001	CS-ISE Detergent	100ml/ bottle	1 bottle

CS-400

Auto-Chemistry Analyzer



CS-400 Auto Chemistry analyzer is a high-performance analyzer of DIRUI CS series. It is an ideal instrument for medium size laboratories. The features include high efficiency, testing accuracy, safety and lower-cost for the maintenance.

Product Features:

- ◎ Fully automatic, random access
- ◎ Constant throughput 400T/H for photometry test, the maximum throughput is 800 T/H with a 600 T/H ISE
- ◎ 2 Refrigerated reagent compartments and 1 sample compartment
- ◎ 90 reagent positions and 115 sample positions
- ◎ 7 stops 11 steps rinsing system
- ◎ LIS interface, supporting remote maintenance
- ◎ Wavelength: 340nm, 380nm, 405nm, 450nm, 480nm, 505nm, 546nm, 570nm, 600nm, 660nm, 700nm and 800nm
- ◎ Automatic clot detection and automatic checking of serum indices

Order Information:

Product Number	Description	Pack Size
1520501001	DIRUI CS-400 Auto-Chemistry Analyzer	1 instrument
1520501002	DIRUI CS-400 Auto-Chemistry Analyzer with ISE unit	1 instrument

Product Number	Description	Volume	Pack Size
2320901001	CS-Anti-Bacterial Phosphor-Free Detergent	500ml/ bottle	1 bottle
2320901003	CS-Alkaline Detergent	2L/ barrel	1 barrel
2320903001	Reference Liquid for Auto-Chemistry Analyzer	500ml/ bottle	1 bottle
2320904001	Internal Standard Liquid for Auto-Chemistry Analyzer	2L/ barrel	1 barrel
2320902001	Piluent for Auto-Chemistry Analyzer	2L/ barrel	1 barrel
2320910001	CS-ISE Detergent	100ml/ bottle	1 bottle

CS-300B

Auto-Chemistry Analyzer



CS-300B Auto-Chemistry Analyzer is a small size and stand upright analyzer in DIRUI CS series. It is the ideal instrument for consolidating test in small or medium size laboratories. The throughput is 300 T/H, 66 test items conducted simultaneously, with a friendly software and easy operation system. Comparing with CS-T240, CS 300B is more efficient.

Product Features:

- ◎ Fully automatic, random access
- ◎ Constant throughput is 300T/H, and the maximum throughput is 450T/H with a 450 T/H ISE
- ◎ Refrigerated reagent and sample compartments
- ◎ 67 reagent positions and 115 sample positions
- ◎ 7 stops 11 steps rinsing system
- ◎ LIS interface, supporting remote maintenance
- ◎ Wavelength: 340nm, 380nm, 405m, 450nm, 480nm, 505nm, 546nm, 570nm, 600nm, 660nm, 700nm and 800nm

Order Information:

Product Number	Description	Pack Size
1520503003	DIRUI CS-300B Auto-Chemistry Analyzer	1 instrument
1520503004	DIRUI CS-300B Auto-Chemistry Analyzer with ISE mode	1 instrument

Product Number	Description	Volume	Pack Size
2320901001	CS-Anti-Bacterial Phosphor-Free Detergent	500ml/ bottle	1 bottle
2320901003	CS-Alkaline Detergent	2L/ barrel	1 barrel
2320903001	Reference Liquid for Auto-Chemistry Analyzer	500ml/ bottle	1 bottle
2320904001	Internal Standard Liquid for Auto-Chemistry Analyzer	2L/ barrel	1 barrel
2320902001	Piluent for Auto-Chemistry Analyzer	2L/ barrel	1 barrel
2320910001	CS-ISE Detergent	100ml/ bottle	1 bottle

CS-T240

Auto-Chemistry Analyzer



CS-T240 Auto-Chemistry Analyzer is a random access clinical chemistry analyzer, which can be integrated in any type of laboratories for routine, emergency analysis. The throughput is 240 T/H with up to 57 test items conducted simultaneously. It is convenient, flexible, economic for small to medium size laboratories. This is a big step in automatic bench top analyzer.

Product Features:

- ◎ Fully automatic, random access
- ◎ Constant speed 240T/H
- ◎ Refrigerated reagent sample compartment
- ◎ 8 stops 12 steps rinsing system
- ◎ LIS interface, supporting remote maintenance
- ◎ Reagent and sample share one disk(user defined position proportion), totally 67 position
- ◎ Wavelength: 340nm, 380nm, 405nm, 450nm, 480nm, 505nm, 546nm, 570nm, 600nm, 660nm, 700nm and 800nm

Order Information:

Product Number	Description	Pack Size
1520503011	DIRUI CS-T240 Auto-Chemistry Analyzer	1 instrument

Product Number	Description	Volume	Pack Size
2320901001	CS-Anti-Bacterial Phosphor-Free Detergent	500ml/ bottle	1 bottle
2320901003	CS-Alkaline Detergent	2L/ barrel	1 barrel

DR-7000D

Semi-Automatic Chemistry Analyzer



DR-7000D is a semi-automatic chemistry analyzer, and quite popular among small size laboratories. It is compact, low maintenance and easy to operate.

Product Features:

- © Wavelength: 340nm, 405nm, 450nm, 492nm, 505nm, 546nm, 578nm, 630nm
- © Optical system using the improved interference filter
- © With high testing precision and system reliability
- © English operation interface, real time measurement and display of absorbance curve, and available curve amplification function
- © Built in thermal printer and external stylus printer interface

Order Information:

Product Number	Description	Pack Size
1520201001	DIRUI DR-7000D Semi-Automatic Chemistry Analyzer	1 instrument

Quality control & Calibrator

Product Code	Name	Package
2320908001	Clinical Chemical Calibration Serum Level 1	5ml
2320908002	Clinical Chemical Calibration Serum Level 2	5ml
2320906001	ISE Standard Solution HIGH	1x10ml
2320906002	ISE Standard Solution LOW	1x10ml
2320906003	ISE Standard Solution HIGH	3x10ml
2320906004	ISE Standard Solution LOW	3x10ml
2320907003	ISE Blood Sample Calibrator	freeze-dried powder 0.18gx1dissolved liquid 4mlx1
2320907004	ISE Blood Sample Calibrator	freeze-dried powder 0.18gx5dissolved liquid 4mlx5
2320909001	Clinical Chemical Quality Control SerumLevel 1	5ml
2320909002	Clinical Chemical Quality Control SerumLevel 2	5ml
2320905004	ISE Blood Quality Control HIGH	freeze-dried powder 0.18g*1dissolved liquid 4ml*1
2320905005	ISE Blood Quality Control LOW	freeze-dried powder 0.18g*1dissolved liquid 4ml*1
2320905006	ISE Blood Quality Control HIGH	freeze-dried powder 0.18g*5dissolved liquid 4ml*5
2320905007	ISE Blood Quality Control LOW	freeze-dried powder 0.18g*5dissolved liquid 4ml*5

CS series

Auto-Chemistry Analyzer Reagents

Diagnosics&Instrument AUTO-CHEMISTRY ANALYZER

Product Code	Abbreviation	Full name	Test Method	Package	
				R1	R2
2321601002	ALT	Alanine Aminotransferase	IFCC Recommended Method	4x50ml	1x50ml
2321602007	AST	Aspartate Aminotransferase	IFCC Recommended Method	4x50ml	1x50ml
2321603006	ALP	Alkaline Phosphatase	IFCC Recommended Method	4x50ml	1x50ml
2321604007	GGT	γ -Glutamyl Transferase	IFCC Recommended Method	4x50ml	1x50ml
2321605005	CHE	Cholinsterase	Substrate hydrolysis method	4x50ml	1x50ml
2321606001	TB	Total Bilirubin	Diazonium Salt Method	5x50ml	1x5ml
2321606019	TB-V	Total Bilirubin-Vanadate Oxidation	Vanadate Oxidation Method	4x50ml	1x50ml
2321607002	DB	Direct Bilirubin	Diazonium Salt Method	5x50ml	1x3ml
2321607016	DB-V	Direct Bilirubin-Vanadate Oxidation	Vanadate Oxidation Method	4x50ml	1x50ml
2321608007	TBA	Bile Acid	Enzymatic Cycling Method	3x50ml	2x25ml
2321609001	TP	Total Protein	Biuret Method	5x50ml	
2321610007	ALB	Albumin	Brom cresol Green Method	5x50ml	
2321611008	GLDH	Glutamate Dehydrogenase	Improved DGKC Method	4x50ml	1x50ml
2321612008	ICDH	ISO-Citrate Dehydrogenase	Substrate Method	4x50ml	1x50ml
2321613009	LAP	Leucine Aminopeptidase	Substrate Hydrolysis Method	4x50ml	1x50ml
2321666002	ADA	Adenosine Deaminase	Enzyme Method	1x60ml	1x30ml
2321645007	PA	Prealbumin	Immune Transmission Turbidity Method	1x 50ml	1x 10ml
2321658002	5'-NT	5'-Nucleotidase	Enzyme Method	1x50ml	1x25ml
2321646002	AFU	α -L-Fucosidase Assay	M-G-CNP Method	1x 50ml	
2321630007	AMY	Amylase	IFCC Recommended Method	4x50ml	1x50ml
2321670003	P-AMY	Pancreatic Amylase	Enzymatic Colorimetric Method	4x50ml	1x50ml
2321615006	GLU-HK	Glucose - Hexokinase	Hexokinase Method	4x50ml	1x50ml
2321616001	GLU-OX	Glucose - Oxidase	Oxidase Method	4x50ml	1x50ml
2321648002	HbA1c	Glycohemoglobin A1C	Latex Agglutination Reaction Method	R1: 2x15ml R2: 0.5mlx1 R2 B: 1 X3.5ml Lyse: 2x50ml	
2321621008	FMN	Fructosamine	NBT Reduction Method	KINETIC 5x 50ml	
2321617001	BUN	Urea	Enzyme Method	4x50ml	1x50ml
2321618008	UA	Uric Acid	Enzyme Method	4x50ml	1x50ml
2321619004	CRE-ENZYME	Creatinine-Enzyme	Enzyme Method (540nm)	4x50ml	1x50ml
2321620006	CRE	Creatinine	Picric Acid Method	2x50ml	2x50ml
2321657002	CYS-C	Cystatin C	Latex Agglutination Reaction Method	1x60ml	1x20ml

Product Code	Abbreviation	Full name	Test Method	Package	
				R1	R2
2321650002	MALB	MicroAlbumin	Immune Transmission Turbidity Method	1x40ml	1x10ml
2321651002	$\hat{\alpha}_2$ -MG	$\hat{\alpha}_2$ -Microglobulin	Latex Enhanced Immunoturbidimetric Method	1x40ml	1x10ml
2321622008	TC	Total Cholesterol	Enzyme Method	4x50ml	1x50ml
2321623008	TG	Triglycerides	Oxidase Method	4x50ml	1x50ml
2321624007	HDL-C	High Density Lipoprotein-Cholesterol	Direct Method	3x50ml	2x25ml
2321625007	LDL-C	Low Density Lipoprotein-Cholesterol	Direct Method	3x50ml	2x25ml
2321664002	APO A1	Apolipoprotein A1	Immune Transmission Turbidity Method	1x50ml	1x10ml
2321665002	APO B	Apolipoprotein B	Immune Transmission Turbidity Method	1x50ml	1x10ml
2321637007	LP(a)	Lipoprotein (a)	Latex Agglutination Reaction Method	1x 45ml	1x 15ml
2321626007	CK	Creatinine Kinase	IFCC Recommended Method	4x50ml	1x50ml
2321627006	CK-MB	Creatinine Kinase MB Isoenzyme	Immunosuppression	4x50ml	1x50ml
2321628006	LDH	Lactate Dehydrogenase	Substrate Method	4x50ml	1x50ml
2321629007	HBDH	α -Hydroxybutyrate Dehydrogenase	DGKC Recommended Method	4x50ml	1x50ml
2321662002	HCY	Homocysteine	Enzymatic Cycling Method	1x60ml	1x17ml
2321631008	Ca-CPC	Calcium-CressolPhthalein Complex	Cresolphthalein Complexone Method	2x50ml	2x50ml
2321632006	Ca-ARS	Calcium-Arsenazo	Arsenazo III Method	END POINT	5x50ml
2321633003	Cl	Chloride	Mercury Thiocyanate Method	END POINT	5x50ml
2321634007	Mg-XB	Magnesium	Magnesium Blue Method	END POINT	5x50ml
2321636007	PHOS	Inorganic Phosphorus	Direct UV Method	END POINT	5x50ml
2321663002	CO2	Carbon Dioxide	Enzyme Method	END POINT	1x50ml
2321656002	Zn	Zinc	Complex Chromotest Method	1x60ml	1x15ml
2321638007	C3	Complement 3	Immune Transmission Turbidity Method	1x 50ml	1x 10ml
2321639007	C4	Complement 4	Immune Transmission Turbidity Method	1x 50ml	1x 10ml
2321640007	IgA	Immunoglobulin-A	Immune Transmission Turbidity Method	1x 50ml	1x 10ml
2321641007	IgM	Immunoglobulin-M	Immune Transmission Turbidity Method	1x 50ml	1x 10ml
2321642007	IgG	Immunoglobulin-G	Immune Transmission Turbidity Method	1x 50ml	1x 10ml
2321643007	ASO	Anti Streptolysin O	Latex Enhanced Immunoturbidimetric Method	1x 40ml	1x 10ml
2321644007	RF	Rheumatoid Factor	Latex Enhanced Immunoturbidimetric Method	1x 40ml	1x 10ml
2321652002	CRP	C-Reactive Protein	Latex Enhanced Immunoturbidimetric Method	2x70ml	2x8ml
2321647010	TRF	Transferrin	Immunoturbidimetric Method	1x50ml	1x10ml

CS-T240、CS-300B
Auto-Chemistry Analyzer Reagents

Diagnostics&Instrument **AUTO-CHEMISTRY ANALYZER**

Product Code	Abbreviation	Full name	Test Method		Package	
					R1	R2
2321601003	ALT	Alanine Aminotransferase	IFCC Recommended Method	KINETIC	4x80ml	4x20ml
2321602002	AST	Aspartate Aminotransferase	IFCC Recommended Method	KINETIC	4x80ml	4x20ml
2321603001	ALP	Alkaline Phosphatase	IFCC Recommended Method	KINETIC	4x80ml	4x20ml
2321604001	GGT	γ -Glutamyl Transferase	IFCC Recommended Method	KINETIC	4x80ml	4x20ml
2321605001	CHE	Cholinesterase	Butyryl Thiocholine Substrate Method	KINETIC	4x80ml	4x20ml
2321606002	TB	Total Bilirubin	Diazonium Salt Method	END POINT	12x20ml	1x5ml
2321606022	TB-V	Total Bilirubin-Vanadate Oxidation	Vanadate Oxidation Method	END POINT	4x80ml	4x20ml
2321607001	DB	Direct Bilirubin	Diazonium Salt Method	END POINT	12x20ml	1x3ml
2321607020	DB-V	Direct Bilirubin-Vanadate Oxidation	Vanadate Oxidation Method	END POINT	4x80ml	4x20ml
2321608001	TBA	Bile Acid	Enzymatic Cycling Method	KINETIC	4x60ml	4x20ml
2321609002	TP	Total Protein	Biuret Method	END POINT	12x20ml	
2321610001	ALB	Albumin	Bromoresol Green Method	END POINT	12x20ml	
2321611001	GLDH	Glutamate Dehydrogenase	Improved DGKC Method	KINETIC	4x80ml	4x20ml
2321612001	ICDH	Iso-Citrate Dehydrogenase	Substrate Method	KINETIC	4x80ml	4x20ml
2321613001	LAP	Leucine Aminopeptidase	Substrate Hydrolysis	KINETIC	4x80ml	4x20ml
2321666001	ADA	Adenosine Deaminase	Enzyme Method	KINETIC	1x60ml	1x30ml
2321645008	PA	Prealbumn	Immune Transmission Turbidity Method	END POINT	1x50ml	1x10ml
2321658001	5'-NT	5'-Nucleotidase	Enzyme Method	KINETIC	1x50ml	1x25ml
2321646003	AFU	α -L-Fucosidase Assay	M-G-CNP	KINETIC	1 x 50ml	
2321630002	AMY	Amylase	IFCC Recommended Method	KINETIC	4x80ml	4x20ml
2321670002	P-AMY	Pancreatic Amylase	Enzymatic Colorimetric Method	KINETIC	4x 80ml	4x20ml
2321615001	GLU-HK	Glucose - Heksokinase	Hexokinase Method	END POINT	4x80ml	4x20ml
2321616002	GLU-OX	Glucose - Oxidase	Oxidase Method	END POINT	4x80ml	4x20ml
2321648001	HbA1c	Glycohemoglobin A1C	Latex Agglutination Reaction Method	END POINT	R1:15mlX2 , R2-A: 0.5mlX1, R2-B: 9.5mlX1, Lyse: 50mlX2	
2321621001	FMN	Fructosamine	NBT Reduction Method	KINETIC	12 x 20ml	
2321617002	BUN	Urea	Enzyme Method	KINETIC	4x80ml	4x20ml
2321618001	UA	Uric Acid	Enzyme Method	END POINT	4x80ml	4x20ml
2321619001	CRE-ENZYME	Creatinine-Enzyme	Enzyme Method (540nm)	END POINT	4x80ml	4x20ml
2321620001	CRE	Creatinine	Picric Acid Method	KINETIC	6x20ml	6x20ml
2321657001	CYS-C	Cystatin C	Latex Agglutination Reaction Method	END POINT	1x60ml	1x20ml

Product Code	Abbreviation	Full name	Test Method	Package	
				R1	R2
2321650001	MALB	MicroAlbumin	Immune Transmission Turbidity Method	1x40ml	1x10ml
2321651001	α_2 -MG	α_2 -Microglobulin	Latex Enhanced Immunoturbidimetric Method	1x40ml	1x10ml
2321622002	TC	Total Cholesterol	Enzyme Method	4x80ml	4x20ml
2321623002	TG	Triglycerides	Oxidase Method	4x80ml	4x20ml
2321624001	HDL-C	High Density Lipoprotein-Cholesterol	Direct Method	4x60ml	4x20ml
2321625001	LDL-C	Low Density Lipoprotein-Cholesterol	Direct Method	4x60ml	4x20ml
2321664001	APO A1	Apolipoprotein A1	Immune Transmission Turbidity Method	1x50ml	1x10ml
2321665001	APO B	Apolipoprotein B	Immune Transmission Turbidity Method	1x50ml	1x10ml
2321637008	LP(a)	Lipoprotein (a)	Latex Agglutination Reaction Method	1x45ml	1x15ml
2321626001	CK	Creatinine Kinase	IFCC Recommended Method	4x80ml	4x20ml
2321627001	CK-MB	Creatinine Kinase MB Isoenzyme	Immunosuppression	4x80ml	4x20ml
2321628001	LDH	Lactate Dehydrogenase	Substrate Method	4x80ml	4x20ml
2321629001	HBDH	α -Hydroxybutyrate Dehydrogenase	DGKC Recommended Method	4x80ml	4x20ml
2321662001	HCY	Homocysteine	Enzymatic Cycling Method	1x60ml	1x17ml
2321631001	Ca-CPC	Calcium-CressolPhthalein Complex	O-Cresolphthalein Complexone Method	6x20ml	6x20ml
2321632001	Ca-ARS	Calcium-Arsenazo	Arsenazo III Method	12x20ml	12x20ml
2321633001	Cl	Chloride	Mercury Thiocyanate Method		
2321634001	Mg-XB	Magnesium	Magnesium Blue Method	12x20ml	12x20ml
2321636001	PHOS	Inorganic Phosphorus	Direct UV Method	5x50ml	
2321663001	CO2	Carbon Dioxide	Enzyme Method	1x50ml	
2321656001	Zn	Zinc	Complex Chromotest Method	1x 60ml	1x 15ml
2321638008	C3	Complement 3	Immune Transmission Turbidity Method	1x50ml	1x10ml
2321639008	C4	Complement 4	Immune Transmission Turbidity Method	1x50ml	1x10ml
2321640008	IgA	Immunoglobulin-A	Immune Transmission Turbidity Method	1x50ml	1x10ml
2321641008	IgM	Immunoglobulin-M	Immune Transmission Turbidity Method	1x50ml	1x10ml
2321642008	IgG	Immunoglobulin-G	Immune Transmission Turbidity Method	1x50ml	1x10ml
2321643008	ASO	Anti Streptolysin O	Latex Enhanced Immunoturbidimetric Method	1x40ml	1x10ml
2321644008	RF	Rheumatoid Factor	Latex Enhanced Immunoturbidimetric Method	1x40ml	1x10ml
2321652001	CRP	C-Reactive Protein	Latex Enhanced Immunoturbidimetric Method	2x70ml	2x8ml
2321647003	TRF	Transferrin	Immunoturbidimetric Method	1x50ml	1x10ml

BF-6880

Automatic Hematology Analyzer



The BF-6880 is a five-part automatic hematology analyzer which inherit the excellent performance of BF series hematology analyzers. BF-6880 dedicate to screen abnormal samples precisely adopt more less sample combine with the latest technique, which provide both efficient and benefit.

Product Features:

- ◎5-part differential, 25 report parameters, 10 research parameters, 4 histograms and 1 scattergram
- ◎CBC+DIFF mode: 80 tests per hour
- ◎Whole blood, pre-diluted mode
- ◎Environmental friendly cyanide-free reagent
- ◎Automatic sampling and emergency access
- ◎Large storage capacity, up to 100,000 samples
- ◎Display type is external computer
- ◎Supporting LIS interface

Order Information:

Product Number	Description	Pack Size
1520401008	DIRUI BF-6880 Automatic Hematology Analyzer	1 instrument+computer

Product Number	Description	Volume	Pack Size
2321703006	BF-FDT Lyse	500ml/ bottle	1 bottle
2321703008	BF-6500 Lyse(SLS- I)	500ml/ bottle	1 bottle
2321703005	BF-FDO Lyse	5L/ barrel	1 barrel
2321702002	BF-Diluent	20L/ barrel	1 barrel
2321701003	BF Detergent	50ml/ bottle	1 bottle
2321701006	BF Detergent	500ml/ bottle	1 bottle
2321704004	Control for Automatic Hematology 5-part(Level1)	2.5ml/ bottle	1 bottle
2321704005	Control for Automatic Hematology 5-part(Level2)	2.5ml/ bottle	1 bottle
2321704006	Control for Automatic Hematology 5-part(Level3)	2.5ml/ bottle	1 bottle

BF-6800

Automatic Hematology Analyzer



The BF-6800 is a five-part automatic hematology analyzer with large storage capacity, barcode scanning, automatic loading, mixing and rinsing functions. Which inherit the performance of BF series hematology analyzers, offers accurate and reliable results by less sample consumption. Cap piercing will be more secure for customers.

Product Features:

- ◎5-part differential, 24 report parameters, 10 research parameters, 4 histograms and 1 scattergram
- ◎CBC+DIFF mode: 60 tests per hour
- ◎Whole blood, pre-diluted blood
- ◎Build-in re-examination rule
- ◎Environmental friendly cyanide-free reagent
- ◎Automatic sampling and emergency access
- ◎Large storage capacity, up to 100,000 samples
- ◎Display type is external computer
- ◎Supporting LIS interface

Order Information:

Product Number	Description	Pack Size
1520401002	DIRUI BF-6800 Automatic Hematology Analyzer	1 instrument+computer

Product Number	Description	Volume	Pack Size
2321703006	BF-FDT Lyse	500ml/ bottle	1 bottle
2321703008	BF-6500 Lyse(SLS- I)	500ml/ bottle	1 bottle
2321703005	BF-FDO Lyse	5L/ barrel	1 barrel
2321702002	BF-Diluent	20L/ barrel	1 barrel
2321701002	BF Detergent	10ml/ bottle	1 bottle
2321701003	BF Detergent	50ml/ bottle	1 bottle
2321704004	Control for Automatic Hematology 5-part(Level1)	2.5ml/ bottle	1 bottle
2321704005	Control for Automatic Hematology 5-part(Level2)	2.5ml/ bottle	1 bottle
2321704006	Control for Automatic Hematology 5-part(Level3)	2.5ml/ bottle	1 bottle

BF-6500

Automatic Hematology Analyzer



The BF-6500 is an economic and compact design of five-part differential hematology analyzer. It offers accurate and reliable results, high-efficient automatic analysis, intelligent alarm function and user friendly operation.

Product Features:

- ◎5-part differential, 24 report parameters, 10 research parameters, 4 histograms and 1 scattergram
- ◎CBC+DIFF mode: 60 tests per hour
- ◎Whole blood, pre-diluted blood
- ◎Build-in re-examination rule
- ◎Environmental friendly cyanide-free reagent
- ◎Manual sampling
- ◎Large storage capacity, up to 100,000 samples
- ◎Display type is external computer
- ◎Supporting LIS interface

Order Information:

Product Number	Description	Pack Size
1520401003	DIRUI BF-6500 Automatic Hematology Analyzer	1 instrument+ computer

Product Number	Description	Volume	Pack Size
2321703006	BF-FDT Lyse	500ml/ bottle	1 bottle
2321703008	BF-6500 Lyse(SLS- I)	500ml/ bottle	1 bottle
2321703005	BF-FDO Lyse	5L/ barrel	1 barrel
2321702002	BF-Diluent	20L/ barrel	1 barrel
2321701002	BF Detergent	10ml/ bottle	1 bottle
2321701003	BF Detergent	50ml/ bottle	1 bottle
2321704004	Control for Automatic Hematology 5-part(Level1)	2.5ml/ bottle	1 bottle
2321704005	Control for Automatic Hematology 5-part(Level2)	2.5ml/ bottle	1 bottle
2321704006	Control for Automatic Hematology 5-part(Level3)	2.5ml/ bottle	1 bottle

BF-5180

Automatic Hematology Analyzer



The BF-5180 is a five-part automatic hematology analyzer, with a large LCD touch screen, barcode scanning, automatic loading, mixing and rinsing functions. It also provides both efficiency and benefit for customers. Based on semiconductor laser flow cytometry, cytochemical staining technique, and the high-precision SRV (Sample Rotatory Valve) quantification technique, offers accurate and reliable results. Intelligent and flexible re-examine function and user-friendly design contribute to easy operation.

Product Features:

- ◎5-part differential, 24 report parameters, 6 research parameters, 3 histograms and 2 scattergrams
- ◎80 tests per hour
- ◎Independent channel for Basophil measurement
- ◎Standard barcode reader and auto loader
- ◎Whole blood mode, and pre-dilute mode
- ◎Large storage capacity, up to 10,000 samples
- ◎LIS interface, supporting remote maintenance
- ◎Large LCD touch screen
- ◎Automatic barcode scanning

Order Information:

Product Number	Description	Pack Size
1520402001	BF-5180 Automatic Hematology analyzer	1 instrument

Product Number	Description	Volume	Pack Size
2321703004	BF-SLS Lyse	500ml/ bottle	1 bottle
2321703002	BF-FDT Lyse	500ml/ bottle	1 bottle
2321703003	BF-FBA Lyse	5L/ barrel	1 barrel
2321703001	BF-FDO Lyse	5L/ barrel	1 barrel
2321702001	BF-Diluent	20L/ barrel	1 barrel
2321701001	BF-Detergent	50ml/ bottle	1 bottle
2321704001	Control for Automatic Hematology 5-part(Level1)	2.5ml/ bottle	1 bottle
2321704002	Control for Automatic Hematology 5-part(Level2)	2.5ml/ bottle	1 bottle
2321704003	Control for Automatic Hematology 5-part(Level3)	2.5ml/ bottle	1 bottle

BCC-3600

Hematology Analyzer



The BCC-3600 is a 3-part differential hematology analyzer offers accurate and reliable result with high efficient test through the classical test method.

Product Features:

- ◎3-part differential, 21 report parameters and 3 histograms
- ◎60 tests per hour
- ◎Whole blood mode, pre-diluted mode
- ◎Build-in re-examination rule
- ◎Up to 14 alarm information of paramorphia cell
- ◎Environmental friendly cyanide-free reagent
- ◎Friendly data management system
- ◎Large storage capacity up to 10,000 samples
- ◎Large color and high resolution LED displayer

Order Information:

Product Number	Description	Pack Size
1520401009	DIRUI BCC-3600 Hematology Analyzer	1 instrument

Product Number	Description	Volume	Pack Size
2320303008	BCC Series Lyse	500ml/ bottle	1 bottle
2320302013	Diluent	20L/barrel	1 barrel
2320305003	BCC Series Probe Cleanser	50ml/bottle	1 bottle
2320305004	BCC Series Probe Cleanser	500ml/bottle	1 bottle
2320307001	Control for Automatic Hematology 3-part(Level1)	2ml/bottle	1 bottle
2320307002	Control for Automatic Hematology 3-part(Level2)	2ml/bottle	1 bottle
2320307003	Control for Automatic Hematology 3-part(Level3)	2ml/bottle	1 bottle

BCC-3000B

Hematology Analyzer



BCC-3000B is a 3-part differential hematology analyzer, which is using digital filtering, blood cells overlap calibration, fitting curve, floating threshold technology to enhance accurate and reliable results.

Product Features:

- ◎3-part differential, 20 parameters, 3 histograms
- ◎60 test per hour
- ◎Whole blood mode, pre-dilute blood mode
- ◎Large storage capacity , up to 1000 samples
- ◎LIS interface, supporting remote maintenance
- ◎Built-in thermal printer, optional external printer

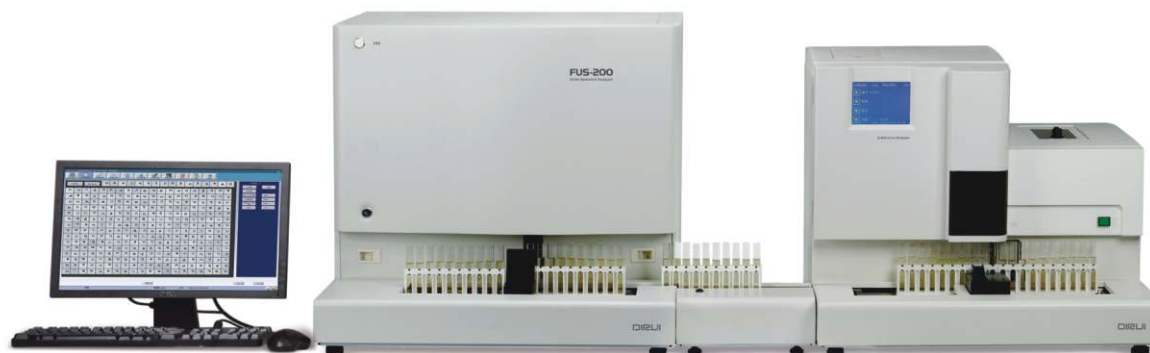
Order Information:

Product Number	Description	Pack Size
1520401001	DIRUI BCC-3000B Hematology Analyzer	1 instrument

Product Number	Description	Volume	Pack Size
2320301001	Cleanser	10L/ barrel	1 barrel
2320303001	Lyse	500ml/ bottle	1 bottle
2320302001	Diluent	20L/ barrel	1 barrel
2320304001	B-Z Cleanser	70ml/ bottle	1 bottle
2320305001	Probe Cleanser	50ml/ bottle	1 bottle
2320307001	Control for Automatic Hematology 3-part(Level1)	2ml/ bottle	1 bottle
2320307002	Control for Automatic Hematology 3-part(Level2)	2ml/ bottle	1 bottle
2320307003	Control for Automatic Hematology 3-part(Level3)	2ml/ bottle	1 bottle

Automatic Urinalysis System

(FUS-200 incorporates H-800)



Dirui urine sediment analyzer FUS-200 adopts flow cytometry and digital imaging to conduct quantitative analysis of urine formed elements with high precision, providing customers with reliable data. FUS-200 can be incorporated with H-800, fully automatic urine analyzer, to make up a fully automatic urinalysis workstation.

Product Features:

- ◎ Offering the ability to fully integrate with the Dirui H-800 to provide an 120 samples/h total urinalysis solution
- ◎ Utilizing digital imaging analysis technology to facilitate precise identification of the visual components in urine
- ◎ No centrifugation or stain is required
- ◎ Environmentally friendly consumables do not require special disposal, saving time and cost
- ◎ Friendly design, maintenance and operation can be completed in minutes
- ◎ Complete QC system for accurate and reliable results
- ◎ World class after-sales service and support

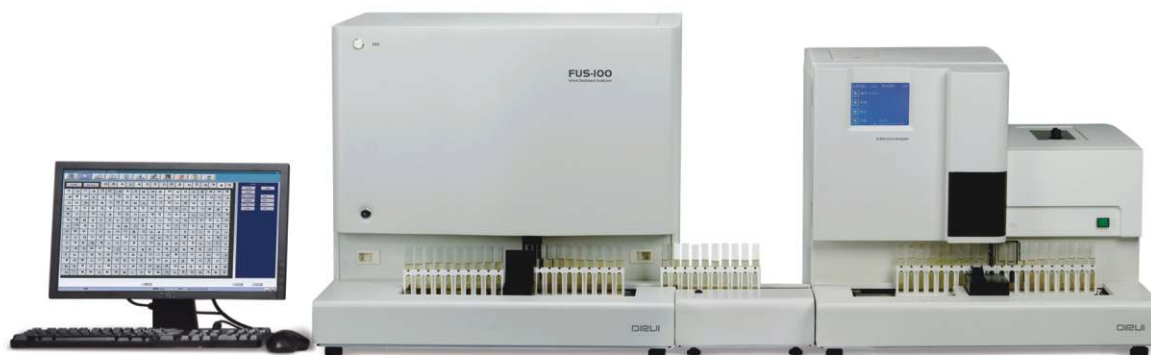
Order Information:

Description	Pack Size
FUS-200+connection bridge+H-800+computer	1 set

Product Number	Description	Volume	Pack Size
2322003002	Sheath	20L/ barrel	1 barrel
2322001001	Diluent	500ml/ bottle	1 bottle
2322002001	Detergent	500ml/ bottle	1 bottle
2322006002	Standard Solution	60ml/ bottle	1 bottle
2322004001	Focus	125ml/ bottle	1 box
2322005001	Positive Control	125ml/ bottle	
2322005002	Negative Control	125ml/ bottle	
2322006001	Standard Solution	125ml/ bottle	
2310201025	DIRUI H10-800	100 strips/ bottle	1 bottle
2310201024	DIRUI H11-800	100 strips/ bottle	1 bottle
2310201022	DIRUI H12-800MA	100 strips/ bottle	1 bottle
2310201106	DIRUI H13-Cr(H-800)	100 strips/ bottle	1 bottle
2310201093	DIRUI H14-Ca(H-800)	100 strips/ bottle	1 bottle

Automatic Urinalysis System

(FUS-100 incorporates H-800)



Dirui urine sediment analyzer FUS-100 adopts flow cytometry and digital imaging to conduct quantitative analysis of urine formed elements with high precision, providing customers with reliable data. FUS-200 can be incorporated with H-800, fully automatic urine analyzer, to make up a fully automatic urinalysis workstation.

Product Features:

- © Offering the ability to fully integrate with the Dirui H-800 to provide an 60 samples/h total urinalysis solution
- © Utilizing digital imaging analysis technology to facilitate precise identification of the visual components in urine
- © No centrifugation or stain is required
- © Environmentally friendly consumables do not require special disposal, saving time and cost
- © Friendly design, maintenance and operation can be completed in minutes
- © Complete QC system for accurate and reliable results
- © World class after-sales service and support

Order Information:

Description	Pack Size
FUS-100+connection bridge+H-800+computer	1 set

Product Number	Description	Volume	Pack Size
2322003002	Sheath	20L/ barrel	1 barrel
2322001001	Diluent	500ml/ bottle	1 bottle
2322002001	Detergent	500ml/ bottle	1 bottle
2322006002	Standard Solution	60ml/ bottle	1 bottle
2322004001	Focus	125ml/ bottle	1box
2322005001	Positive Control	125ml/ bottle	
2322005002	Negative Control	125ml/ bottle	
2322006001	Standard Solution	125ml/ bottle	
2310201025	DIRUI H10-800	100 strips/ bottle	1 bottle
2310201024	DIRUI H11-800	100 strips/ bottle	1 bottle
2310201022	DIRUI H12-800MA	100 strips/ bottle	1 bottle
2310201106	DIRUI H13-Cr(H-800)	100 strips/ bottle	1 bottle
2310201093	DIRUI H14-Ca(H-800)	100 strips/ bottle	1 bottle

FUS-2000

Urinalysis Hybrid



The Fus-2000 is a fully automatic integrated urinalysis system, inheriting all the features of DIRUI FUS and H series. Focusing on the genuine physical images of each formed element keeps DIRUI leading the urinalysis domain.

Product Features:

- ◎High throughput : 120 tests/hour
- ◎Simplified and compact 2 in 1 design
- ◎Standardized urinalysis testing solution
- ◎Long walk-away operation with consecutive loading (50/270 samples optional)
- ◎Contributing comprehensive clinical information to doctors

Order Information:

Product Number	Description	Pack Size
1520601005	DIRUI FUS-2000 Urinalysis Hybrid	1 instrument+ computer

Product Number	Description	Volume	Pack Size
2322003002	Sheath	20L/ barrel	1 barrel
2322103004	Sheath	15L/ barrel	1 barrel
2322103001	Sheath	10L/ barrel	1 barrel
2322001001	Diluent	500ml/ bottle	1 bottle
2322006001	Standard Solution	125ml/ bottle	1box
2322004001	Focus	125ml/ bottle	
2322005001	Positive Control	125ml/ bottle	
2322005002	Negative Control	125ml/ bottle	1bottle
2322002001	Detergent	500ml/ bottle	
2320506002	Cleaning Liquid(turbidimeter)	50ml/ bottle	1 bottles
2320501001	H Series Urine Analyzer Specific Gravity Control-SG=1.005	8 ml/ bottle	1 bottle
2320501002	H Series Urine Analyzer Specific Gravity Control-SG=1.030	8 ml/ bottle	1 bottle
2320501003	H Series Urine Analyzer Specific Gravity Control-SG=1.050	8 ml/ bottle	1 bottle
2320502001	H Series Urine Analyzer Turbidity Control- 200NTU	8 ml/ bottle	1 bottle
2320502002	H Series Urine Analyzer Turbidity Control-700NTU	8 ml/ bottle	1 bottle
2320503001	H Series Urine Analyzer Color Control-red	8 ml/ bottle	1 bottle
2320503002	H Series Urine Analyzer Color Control-green	8 ml/ bottle	1 bottle
2320503003	H Series Urine Analyzer Color Control-blue	8 ml/ bottle	1 bottle
2320504001	H Series Urine Analyzer Specific Gravity Calibrator	8 ml/ bottle	1 bottle
2320505001	H Series Urine Analyzer Turbidity Calibrator	8 ml/ bottle	1 bottle
2320701001	Urinalysis Control (Positive)	8 ml/ bottle	1 bottle
2320702001	Urinalysis Control (Negative)	8 ml/ bottle	1 bottle

FUS-200

Urine Sediment Analyzer



The FUS-200 is an automatic urine microscopy analyzer and walk-away system that uses digital imaging and a highly trained network(All software) to classify and quantitate cells and formed particles in native uncentrifuged urine, based on multiple parameters.

Product Features:

- ◎ 120 tests/hour
- ◎ Provide objective quantitative analysis results
- ◎ Promptly achieve standardization screening procedures
- ◎ New parameters information facilitates prompting RBC information and UTI information
- ◎ Without centrifugation and stains is helpful for the cost saving

Order Information:

Product Number	Description	Pack Size
1530102007	DIRUI FUS-200 Urine Sediment Analyzer	1 instrument+computer

Product Number	Description	Volume	Pack Size
2322003002	Sheath	20L/ barrel	1 barrel
2322103004	Sheath	15L/ barrel	1 barrel
2322103001	Sheath	10L/ barrel	1 barrel
2322001001	Diluent	500ml/ bottle	1 bottle
2322006001	Standard Solution	125ml/ bottle	
2322004001	Focus	125ml/ bottle	1box
2322005001	Positive Control	125ml/ bottle	
2322005002	Negative Control	125ml/ bottle	
2322002001	Detergent	500ml/ bottle	1bottle
2322006002	Standard Solution	60ml/ bottle	1bottle

FUS-100

Urine Sediment Analyzer



The FUS-100 is an automatic urine microscopy analyzer and walk-away system that uses digital imaging and a highly trained network(All software) to classify and quantitate cells and formed particles in native uncentrifuged urine, based on multiple parameters.

Product Features:

- ◎ 60 tests/hour
- ◎ Provide objective quantitative analysis results
- ◎ Promptly achieve standardization screening procedures
- ◎ New parameters information facilitates prompting RBC information and UTI information
- ◎ Without centrifugation and stains is helpful for the cost saving

Order Information:

Product Number	Description	Pack Size
1520601001	DIRUI FUS-100 Urine Sediment Analyzer	1 instrument+ computer

Product Number	Description	Volume	Pack Size
2322003002	Sheath	20L/ barrel	1 barrel
2322103004	Sheath	15L/ barrel	1 barrel
2322103001	Sheath	10L/ barrel	1 barrel
2322001001	Diluent	500ml/ bottle	1 bottle
2322006001	Standard Solution	125ml/ bottle	1box
2322004001	Focus	125ml/ bottle	
2322005001	Positive Control	125ml/ bottle	
2322005002	Negative Control	125ml/ bottle	1bottle
2322002001	Detergent	500ml/ bottle	
2322006002	Standard Solution	60ml/ bottle	

H-1000

Automatic Urine Analyzer



DIRUI H-1000 Automatic urine analyzer provides accurate results, and simple and friendly operation, and will be widely recognized as the most advanced automatic analyzer in the global market.

Product Features:

- ◎Throughput is 450 samples/hour
- ◎Strips capacity is 200 strips
- ◎Accurate quantitative dripping technology avoids cross-contamination effectively
- ◎Large LCD touch screen is convenient for customer to input sample information
- ◎Integrated barcode reader helps you get sample ID easily
- ◎The design of the STAT position gives priority to emergency samples
- ◎Waste box can collect waste strips automatically
- ◎Original reagent and strips help to ensure the result accuracy
- ◎H-1000 can be connected with LIS, HIS
- ◎Integrated with FUS series analyzers to be urinalysis system

Order Information:

Product Number	Description	Pack Size
1520301007	DIRUI H-1000 Automatic Urine Analyzer	1 instrument
1520301008	DIRUI H-1000 Automatic Urine Analyzer plus	1 instrument

Product Number	Description	Volume	Pack Size
2320506004	Cleaning Liquid(concentrated type)	200ml/ bottle	2 bottles
2320506002	Cleaning Liquid(turbidimeter)	50ml/ bottle	1 bottles
2310201025	DIRUI H10-800	100 strips/ bottle	1 bottle
2310201024	DIRUI H11-800	100 strips/ bottle	1 bottle
2310201022	DIRUI H12-800MA	100 strips/ bottle	1 bottle
2310201106	DIRUI H13-Cr(H-800)	100 strips/ bottle	1 bottle
2310201093	DIRUI H14-Ca(H-800)	100 strips/ bottle	1 bottle
2320501001	H Series Urine Analyzer Specific Gravity Control-SG=1.005	8 ml/ bottle	1 bottle
2320501002	H Series Urine Analyzer Specific Gravity Control-SG=1.030	8 ml/ bottle	1 bottle
2320501003	H Series Urine Analyzer Specific Gravity Control-SG=1.050	8 ml/ bottle	1 bottle
2320502001	H Series Urine Analyzer Turbidity Control- 200NTU	8 ml/ bottle	1 bottle
2320502002	H Series Urine Analyzer Turbidity Control-700NTU	8 ml/ bottle	1 bottle
2320503001	H Series Urine Analyzer Color Control-red	8 ml/ bottle	1 bottle
2320503002	H Series Urine Analyzer Color Control-green	8 ml/ bottle	1 bottle
2320503003	H Series Urine Analyzer Color Control-blue	8 ml/ bottle	1 bottle
2320504001	H Series Urine Analyzer Specific Gravity Calibrator	8 ml/ bottle	1 bottle
2320505001	H Series Urine Analyzer Turbidity Calibrator	8 ml/ bottle	1 bottle
2320701001	Urinalysis Control (Positive)	8 ml/ bottle	1 bottle
2320702001	Urinalysis Control (Negative)	8 ml/ bottle	1 bottle

H-800

Automatic Urine Analyzer



DIRUI H-800 Automatic urine analyzer deserves to be trusted as an expert in the urine analysis field. It is especially developed for laboratories turn around time and cost savings.

Product features:

- ◎ Throughput is 240 samples/hour
- ◎ Strips capacity is 200 strips
- ◎ 14 test items are optional
- ◎ Accurate quantitative dripping technology avoids cross-contamination effectively
- ◎ Large LCD touch screen is convenient for customer to input sample information
- ◎ Reflectometer unit can provide more accurate results by SG, turbidity, and color.(optional)
- ◎ Integrated barcode reader helps you get sample ID easily
- ◎ The design of the STAT position gives priority to emergency samples
- ◎ Waste box can collect waste strips automatically
- ◎ Original reagent and strips help to ensure the result accuracy
- ◎ H-800 can be connected with LIS, HIS
- ◎ Integrated with FUS series analyzers to be urinalysis system

Order Information:

Product Number	Description	Pack Size
1520301001	DIRUI H-800 Automatic Urine Analyzer	1 instrument
1520301002	DIRUI H-800 Automatic Urine Analyzer plus	1 instrument

Product Number	Description	Volume	Pack Size
2320506004	Cleaning Liquid(concentrated type)	200ml/ bottle	2 bottles
2320506002	Cleaning Liquid(turbidimeter)	50ml/ bottle	1 bottles
2310201025	DIRUI H10-800	100 strips/ bottle	1 bottle
2310201024	DIRUI H11-800	100 strips/ bottle	1 bottle
2310201022	DIRUI H12-800MA	100 strips/ bottle	1 bottle
2310201106	DIRUI H13-Cr(H-800)	100 strips/ bottle	1 bottle
2310201093	DIRUI H14-Ca(H-800)	100 strips/ bottle	1 bottle
2320501001	H Series Urine Analyzer Specific Gravity Control-SG=1.005	8 ml/ bottle	1 bottle
2320501002	H Series Urine Analyzer Specific Gravity Control-SG=1.030	8 ml/ bottle	1 bottle
2320501003	H Series Urine Analyzer Specific Gravity Control-SG=1.050	8 ml/ bottle	1 bottle
2320502001	H Series Urine Analyzer Turbidity Control- 200NTU	8 ml/ bottle	1 bottle
2320502002	H Series Urine Analyzer Turbidity Control-700NTU	8 ml/ bottle	1 bottle
2320503001	H Series Urine Analyzer Color Control-red	8 ml/ bottle	1 bottle
2320503002	H Series Urine Analyzer Color Control-green	8 ml/ bottle	1 bottle
2320503003	H Series Urine Analyzer Color Control-blue	8 ml/ bottle	1 bottle
2320504001	H Series Urine Analyzer Specific Gravity Calibrator	8 ml/ bottle	1 bottle
2320505001	H Series Urine Analyzer Turbidity Calibrator	8 ml/ bottle	1 bottle
2320701001	Urianalysis Control (Positive)	8 ml/ bottle	1 bottle
2320702001	Urianalysis Control (Negative)	8 ml/ bottle	1 bottle

H-500

Urine Analyzer



DIRUI H-500 Semi-automatic urine analyzer's outstanding performance proves itself to be a reliable friend for medium laboratories.

Product features:

- ◎ Large touch screen is convenient for users' operation
- ◎ Built-in thermal printer can print results automatically
- ◎ Waste box can collect waste strips automatically
- ◎ 4 wavelength cold light source ensure the result accuracy
- ◎ High throughput is 420 samples/hour
- ◎ 14 test items are optional
- ◎ Large capacity of data memory is convenient for review

Order Information:

Product Number	Description	Pack Size
1520104001	DIRUI H-500 Urine Analyzer	1 instrument

Product Number	Description	Volume	Pack Size
2310201003	DIRUI H8	100 strips/ bottle	1 bottle
2310201002	DIRUI H10	100 strips/ bottle	1 bottle
2310201001	DIRUI H11	100 strips/ bottle	1 bottle
2310201021	DIRUI H11-MA	100 strips/ bottle	1 bottle
2310201037	DIRUI H13-Cr	100 strips/ bottle	1 bottle
2310201089	DIRUI H14-Ca	100 strips/ bottle	1 bottle

H-100

Urine Analyzer



DIRUI H-100 Semi-automatic urine analyzer offers ideal urine analysis solutions for small laboratories and hospitals.

Product features:

- ◎ Friendly interface is convenient for users' operation
- ◎ Built-in thermal printer can print results automatically
- ◎ 4 wavelength cold light source ensure the result accuracy
- ◎ Throughput is 60 samples/hour or 120 samples/hour
- ◎ 14 test items are optional
- ◎ Large capacity of data memory is convenient for reviewing
- ◎ H-100 can connect computer with RS-232

Order Information:

Product Number	Description	Pack Size
1520102001	DIRUI H-100 Urine Analyzer	1 instrument

Product Number	Description	Volume	Pack Size
2310201003	DIRUI H8	100 strips/ bottle	1 bottle
2310201002	DIRUI H10	100 strips/ bottle	1 bottle
2310201001	DIRUI H11	100 strips/ bottle	1 bottle
2310201021	DIRUI H11-MA	100 strips/ bottle	1 bottle
2310201037	DIRUI H13-Cr	100 strips/ bottle	1 bottle
2310201089	DIRUI H14-Ca	100 strips/ bottle	1 bottle

Urinalysis Control



Urinalysis Control is original reagent from DIRUI, which can monitor both urine strips and urine analyzer's status. Urinalysis Control offers UBG.BIL.KET.BLD.PRO.NIT.LEU.GLU.SG.PH.MALB.Cr .Ca totally 13 items.

Product features:

- © Liquid reagent without dissolution can be used directly to avoid manual sampling error
- © Free from material extracted from human urine to avoid the potential infection
- © The reagents are all non-toxic and environment friendly

Product Number	Description	Volume	Pack Size
2320701001	Urinalysis Control (Positive)	8ml/bottle	4 bottles
2320702001	Urinalysis Control (Negative)	8ml/bottle	4 bottles

DIRUI URINALYSIS STRIPS COLLECTION

Product Number	Urinalysis Strip Description	Use Method	Urine Analyzer	Test Parameters														Packing
				Leucocytes	Nitrite	Urobilinogen	Protein	pH	Blood	SG	Ketone	Bilirubin	Glucose	Ascorbic acid	Microalbumin	Creatinine	Calcium	
2310201093	DIRUI H14-Ca(H-800)	Reader & Visual	H-800(DIRUI)	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	100 strips/bottle
2310201106	DIRUI H13-Cr(H-800)	Reader & Visual	H-800(DIRUI)	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
2310201089	DIRUI H14-Ca	Reader & Visual	H-100/H-300/H-500 (DIRUI)	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
2310201037	DIRUI H13-Cr	Reader & Visual	H-50/H-100/H-300/H-500 (DIRUI)	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
2310201022	DIRUI H12-800MA	Reader & Visual	H-800(DIRUI)	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
2310201025	DIRUI H10-800	Reader & Visual	H-800(DIRUI)	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
2310201024	DIRUI H11-800	Reader & Visual	H-800(DIRUI)	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
2310201021	DIRUI H11-MA	Reader & Visual	H-100/H-300/H-500 (DIRUI)	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
2310201001	DIRUI H11	Reader & Visual	H-100/H-300/H-500 (DIRUI)	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
2310201027	DIRUI M10	Reader & Visual		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
2310201020	DIRUI E10	Reader&Visual		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
2310201002	DIRUI H10	Reader & Visual	H-50/H-100 (DIRUI)	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
2310201004	DIRUI A10	Reader & Visual		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
2310201006	DIRUI 9 ITEMS	Visual	N/A		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
2310201007	DIRUI 8 ITEMS	Visual	N/A			⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
2310201008	DIRUI 5 ITEMS(PRO,pH,BLD,KET,GLU)	Visual	N/A				⊙	⊙	⊙	⊙		⊙		⊙			⊙	
2310201009	DIRUI 4 ITEMS(PRO,pH,SG,GLU)	Visual	N/A				⊙	⊙		⊙		⊙		⊙			⊙	
2310201010	DIRUI 4 ITEMS(PRO,pH,BLD,GLU)	Visual	N/A				⊙	⊙	⊙		⊙		⊙		⊙		⊙	
2310201011	DIRUI 3 ITEMS(PRO,pH,GLU)	Visual	N/A				⊙	⊙				⊙		⊙			⊙	
2310201013	DIRUI 2 ITEMS(KET,GLU)	Visual	N/A								⊙		⊙				⊙	
2310201081	DIRUI 2 ITEMS(PRO,GLU)	Visual	N/A				⊙						⊙				⊙	
2310201019	DIRUI 1 ITEMS(PRO)	Visual	N/A				⊙										⊙	
2310201018	DIRUI 1 ITEMS(KET)	Visual	N/A								⊙						⊙	
2310201016	DIRUI 1 ITEMS(GLU)	Visual	N/A										⊙			⊙	⊙	
2310201091	DIRUI H2-Cr	Visual	N/A												⊙		⊙	

FB-100

Fecal Occult Blood Analyzer



The FB-100 fecal occult blood analyzer conducts an automated quantitative analysis based on latex enhanced turbidimetric immunoassay, intended to detect small amounts of human hemoglobin in feces, which may be the only symptom at the early stage of colorectal cancer .

Product Features:

- ◎Compact design, easy operation
- ◎Fully automated
- ◎240 tests per hour, providing quantitative results
- ◎Special sampling tube allows for the standardization of sampling and accurate results
- ◎Large storage capacity: 12000 test results
- ◎LIS/HIS connection available

Order Information:

Product Number	Description	Pack Size
1520401007	DIRUI FB-100 Fecal Occult Blood Analyzer	1 instrument

Product Number	Description	Volume	Pack Size
2322406001	Fecal Occult Blood Analyzer Standard	Lyophilized Standard:2ml/bottlex2 Solvent:45ml/ bottlex1	1box
2322405001	Fecal Occult Blood Analyzer Control (High Value)	1ml/ bottlex6	1box
2322405002	Fecal Occult Blood Analyzer Control (Low Value)	1ml/ bottlex6	1box
2322407001	Fecal Occult Blood Analyzer Reagent Kit	Latex Reagent:12ml/ bottlex1 Diluent:160ml/ bottlex1	1box
2322407002	Fecal Occult Blood Analyzer Reagent Kit	Latex Reagent:6ml/ bottlex1 Diluent:80ml/ bottlex1	1box
2322407003	Fecal Occult Blood Analyzer Reagent Kit	Latex Reagent:9ml/ bottlex1 Diluent:120ml/ bottlex1	1box
2322407004	Fecal Occult Blood Analyzer Reagent Kit	Latex Reagent:18ml/ bottlex1 Diluent:200ml/ bottlex1	1box
2322402001	Fecal Occult Blood Analyzer Detergent	200ml/ bottle	1 bottle
2322408001	Special Sampling Tube	100/pack	1 pack



DIRUI INDUSTRIAL CO., LTD.

Address: 95 Yunhe Street, New & High Tech. Development Zone Changchun, Jilin 130012, P. R. China
Tel: +86 431 85100409 Fax: +86 431 85172581 E-mail: dirui@dirui.com.cn Http://www.dirui.com.cn



Declaration of Conformity



According to the In Vitro Diagnostic Medical Devices Directive 98/79/EC

Manufacturer: Dirui Industrial Co., Ltd.
95 Yunhe Street New& High Tech. Development Zone
Changchun Jilin 130012 P.R. China

Authorized Representative : Emergo Europe
Molenstraat 15 2513 BH The Hague
The Netherlands

Medical Device : Product Name: Reagent strips for Urinalysis
IVDD-Classification: Professional use

Lot/batches/Serial mber, Type, Periods of manufacture
(where applicable)

DIRUI 1 ITEMS (GLU)	DIRUI 1 ITEMS (KET)	DIRUI 1 ITEMS (PRO)
DIRUI 2 ITEMS (PRO, GLU)	DIRUI 2 ITEMS (KET, GLU)	
DIRUI 3 ITEMS (PRO, PH, GLU)	DIRUI 3 ITEMS (PRO, KET, GLU)	
DIRUI 4 ITEMS (PRO, PH, BLD, GLU)	DIRUI 4 ITEMS (PRO, PH, SG, GLU)	
DIRUI 5 ITEMS (PRO, PH, BLD, KET, GLU)		
DIRUI 8 ITEMS	DIRUI H8	
DIRUI 9 ITEMS		
DIRUI A10	DIRUI H10	DIRUI E10
DIRUI H11	DIRUI H11-MA	DIRUI M10
DIRUI H11-800MA	DIRUI H12-800MA	DIRUI H10-800
DIRUI H13-Cr	DIRUI H14-Ca	
DIRUI H13-Cr (H-800)	DIRUI H14-Ca (H-800)	

The undersigned hereby declares that the In Vitro Diagnostic medical device as specified above conforms with the essential requirements listed in the Annex 1 of the European In Vitro Diagnostic Medical Device Directive 98/79/EC (IVDD)

This declaration of conformity is based on the European In Vitro Diagnostic Medical Device Directive 98/79/EC, Annex III.

Valid Since

May 9th, 2012
Changchun, China

(place and date of issue)

Representative:

Yu Ge

Dirui Industrial Co., Ltd.

于歌

(name and signature or equivalent
marking of authorized person)



证书附件

标准 **ISO 9001:2015**

证书登记号码 **01 100 1832306**

号码	场地	认证范围
/01	(分证书) 迪瑞医疗科技股份有限 公司 统一社会信用代码: 91220101605902656F 注册地址: 中华人民共和国 吉林省长春市高新技术产业开发区 区云河街 95 号 邮编: 130012 经营地址: 同上述地址	体外诊断医疗器械的设计开发、生产和销售
/02	(分证书) 迪瑞医疗科技股份有限 公司 统一社会信用代码: 91220101605902656F 注册地址: 中华人民共和国吉林 省长春市高新技术产业开发区 云河街 95 号 邮编: 130012 经营地址: 中华人民共和国吉林 省长春市高新技术产业开发区 宜居路 3333 号 邮编: 130103	体外诊断医疗器械的设计开发、生产和销售

2021-04-19


TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln

页 1 / 1

认证证书

标准 **ISO 9001:2015**

证书登记号码 **01 100 1832306**

证书持有者:

迪瑞医疗科技股份有限公司

统一社会信用代码: 91220101605902656F

注册地址: 中华人民共和国吉林省长春市

高新技术产业开发区云河街 95 号

邮编: 130012

经营地址: 同上述地址

所包括场地已列于证书附件上

认证范围:

体外诊断医疗器械的设计开发、生产和销售

证明完成了审核并满足了 ISO 9001:2015 标准的要求。

有效期:

证书有效期从 2021-05-03 至 2024-05-02。

此证书须经过符合要求的监督审核保持有效。

初次发证始于 2018 年

本证书信息可在国家认证认可监督管理委员会官方网站上查询

<http://www.cnca.gov.cn>

2021-04-19

TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln

认证证书

标准 **ISO 9001:2015**

证书登记号码 **01 100 1832306/01**

主证持有者: **迪瑞医疗科技股份有限公司**
中华人民共和国吉林省长春市高新技术产业开发区云河街 95 号
邮编: 130012

场地: **(分证书) 迪瑞医疗科技股份有限公司**
统一社会信用代码: 91220101605902656F
注册地址: 中华人民共和国吉林省长春市
高新技术产业开发区云河街 95 号
邮编: 130012
经营地址: 同上述地址

认证范围: 体外诊断医疗器械的设计开发、生产和销售

有效期: 证明完成了审核并满足了 ISO 9001:2015 标准的要求。
证书连同主证书 01 100 1832306 一起有效期从 2021-05-03 至 2024-05-02。
此证书须经过符合要求的监督审核保持有效。
本证书信息可在国家认证认可监督管理委员会官方网站上查询
<http://www.cnca.gov.cn>

2021-04-19

TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln

认证证书

标准 **ISO 9001:2015**

证书登记号码 **01 100 1832306/02**

主证持有者: **迪瑞医疗科技股份有限公司**
中华人民共和国吉林省长春市高新技术产业开发区云河街 95 号
邮编: 130012

场地: **(分证书) 迪瑞医疗科技股份有限公司**
统一社会信用代码: 91220101605902656F
注册地址: 中华人民共和国吉林省长春市
高新技术产业开发区云河街 95 号
邮编: 130012
经营地址: 中华人民共和国吉林省长春市
高新技术产业开发区宜居路 3333 号
邮编: 130103

认证范围: 体外诊断医疗器械的设计开发、生产和销售

证明完成了审核并满足了 ISO 9001:2015 标准的要求。

有效期: 证书连同主证书 01 100 1832306 一起有效期从 2021-05-03 至 2024-05-02。

此证书须经过符合要求的监督审核保持有效。
本证书信息可在国家认证认可监督管理委员会官方网站上查询
<http://www.cnca.gov.cn>

2021-04-19

TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln

Annex to certificate

Standard **ISO 9001:2015**

Certificate Registr. No. **01 100 1832306**

No.	Location	Scope
/01	c/o Dirui Industrial Co., Ltd. Unified Social Credit Code: 91220101605902656F Registration Address: 95 Yunhe Street, New & High Tech. Development Zone, Changchun, 130012 Jilin, P. R. China Operation Address: same as above	Design and Development, Manufacture and Sales of In Vitro Diagnostic Medical Test Systems
/02	c/o Dirui Industrial Co., Ltd. Unified Social Credit Code: 91220101605902656F Registration Address: 95 Yunhe Street, New & High Tech. Development Zone, Changchun, 130012 Jilin, P. R. China Operation Address: 3333 Yiju Street, New & High Tech. Development Zone, Changchun, 130103 Jilin, P. R. China	Design and Development, Manufacture and Sales of In Vitro Diagnostic Medical Test Systems

2021-04-19


TÜV Rheinland Cert GmbH
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Page 1 of 1

Certificate

Standard **ISO 9001:2015**

Certificate Registr. No. **01 100 1832306**

Certificate Holder:

Dirui Industrial Co., Ltd.

Unified Social Credit Code: 91220101605902656F

Registration Address: 95 Yunhe Street,

New & High Tech. Development Zone,

Changchun, 130012 Jilin, P. R. China

Operation Address: same as above

including the locations according to annex

Scope:

Design and Development, Manufacture and Sales of in Vitro
Diagnostic Medical Test Systems

Proof has been furnished by means of an audit that the
requirements of ISO 9001:2015 are met.

Validity:

The certificate is valid from 2021-05-03 until 2024-05-02.

It remains valid subject to satisfactory surveillance audits.

First certification 2018

This certificate information can be searched on CNCA official
website <http://www.cnca.gov.cn>

2021-04-19

TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln

Certificate

Standard **ISO 9001:2015**

Certificate Registr. No. **01 100 1832306/01**

Organization: **Dirui Industrial Co., Ltd.**
95 Yunhe Street, New & High Tech. Development Zone,
Changchun, 130012 Jilin, P.R. China

Site: **c/o Dirui Industrial Co., Ltd.**
Unified Social Credit Code: 91220101605902656F
Registration Address: 95 Yunhe Street, New & High Tech.
Development Zone, Changchun, 130012 Jilin, P. R. China
Operation Address: same as above

Scope: Design and Development, Manufacture and Sales of In Vitro
Diagnostic Medical Test Systems

Proof has been furnished by means of an audit that the
requirements of ISO 9001:2015 are met.

Validity: The certificate is valid in conjunction with the main certificate 01
100 1832306 from 2021-05-03 until 2024-05-02.
It remains valid subject to satisfactory surveillance audits.
This certificate information can be searched on CNCA official
website <http://www.cnca.gov.cn>

2021-04-19

TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln

Certificate

Standard **ISO 9001:2015**

Certificate Registr. No. **01 100 1832306/02**

Organization: **Dirui Industrial Co., Ltd.**
95 Yunhe Street, New & High Tech. Development Zone,
Changchun, 130012 Jilin, P. R. China

Site: **c/o Dirui Industrial Co., Ltd.**
Unified Social Credit Code: 91220101605902656F
Registration Address: 95 Yunhe Street,
New & High Tech. Development Zone,
Changchun, 130012 Jilin, P. R. China
Operation Address: 3333 Yiju Street,
New & High Tech. Development Zone,
Changchun, 130103 Jilin, P. R. China

Scope: Design and Development, Manufacture and Sales of In Vitro
Diagnostic Medical Test Systems

Proof has been furnished by means of an audit that the
requirements of ISO 9001:2015 are met.

Validity: The certificate is valid in conjunction with the main certificate 01
100 1832306 from 2021-05-03 until 2024-05-02.
It remains valid subject to satisfactory surveillance audits.
This certificate information can be searched on CNCA official
website <http://www.cnca.gov.cn>

2021-04-19

TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln

Certificate

Quality Management System EN ISO 13485:2016

Registration No.: SX 2101045-1

Organization: Dirui Industrial Co., Ltd.
95 Yunhe Street, New & High Tech. Development Zone, Changchun,
130012 Jilin, P.R. China

Scope: Design and Development, Manufacture and Distribution of In-vitro Diagnostic Analyzers and In-Vitro Diagnostic Test Kits used in the Detection of Blood Analyte, Cancer, Cardiac Markers, Coagulation Blood, Endocrine Disorders, Immune Status, Protein Metabolism, Sexually Transmitted Diseases, Infectious Disease, Therapeutic Drug Monitoring, Disease Status, Renal Function Assessment, Liver Function Assessment, Pancreas Function Assessment, Blood Fat Test, Physiological Markers, Nucleic Acid Extraction Reagent and Specimen Receptacle for Clinical Laboratory Use.

The Certification Body of TÜV Rheinland LGA Products GmbH certifies that the organization has established and applies a quality management system for medical devices.
Proof has been furnished that the requirements specified in the abovementioned standard are fulfilled. The quality management system is subject to yearly surveillance.

Report No.: 190131562 110
Effective date: 2021-04-30
Expiry date: 2023-03-01
Issue date: 2021-05-08


Jing Zhang
TÜV Rheinland LGA Products GmbH
Tillystraße 2 · 90431 Nürnberg · Germany

Certificate

Quality Management System
EN ISO 13485:2016

Registration No.: SX 2101045-1

Organization: Dirui Industrial Co., Ltd.
95 Yunhe Street, New & High Tech. Development Zone, Changchun,
130012 Jilin, P.R. China

The scope of certification also covers the following:

No.	Facility	Scope
/01	c/o Dirui Industrial Co., Ltd. 95 Yunhe Street, New & High Tech. Development Zone, Changchun, 130012 Jilin, P.R. China	Design and Development, Manufacture of In-Vitro Diagnostic Test Kits used in the Detection of Blood Analyte, Cancer, Cardiac Markers, Coagulation Blood, Endocrine Disorders, Immune Status, Protein Metabolism, Sexually Transmitted Diseases, Infectious Disease, Therapeutic Drug Monitoring, Disease Status, Renal Function Assessment, Liver Function Assessment, Pancreas Function Assessment, Blood Fat Test, Physiological Markers, Nucleic Acid Extraction Reagent and Specimen Receptacle for Clinical Laboratory Use.

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Certificate

**Quality Management System
EN ISO 13485:2016**

Registration No.: SX 2101045-1

Organization: Dirui Industrial Co., Ltd.
95 Yunhe Street, New & High Tech. Development Zone, Changchun,
130012 Jilin, P.R. China

The scope of certification also covers the following:

/02 c/o Dirui Industrial Co., Ltd.
3333 Yiju Street, New & High Tech.
Development Zone, Changchun,
130103 Jilin, P.R. China

Design and Development, Manufacture and
Distribution of In-vitro Diagnostic Analyzers
used in the Detection of Blood Analyte,
Cancer, Cardiac Markers, Coagulation Blood,
Endocrine Disorders, Immune Status, Protein
Metabolism, Sexually Transmitted Diseases,
Infectious Disease, Therapeutic Drug
Monitoring, Disease Status, Renal Function
Assessment, Liver Function Assessment,
Pancreas Function Assessment, Blood Fat
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