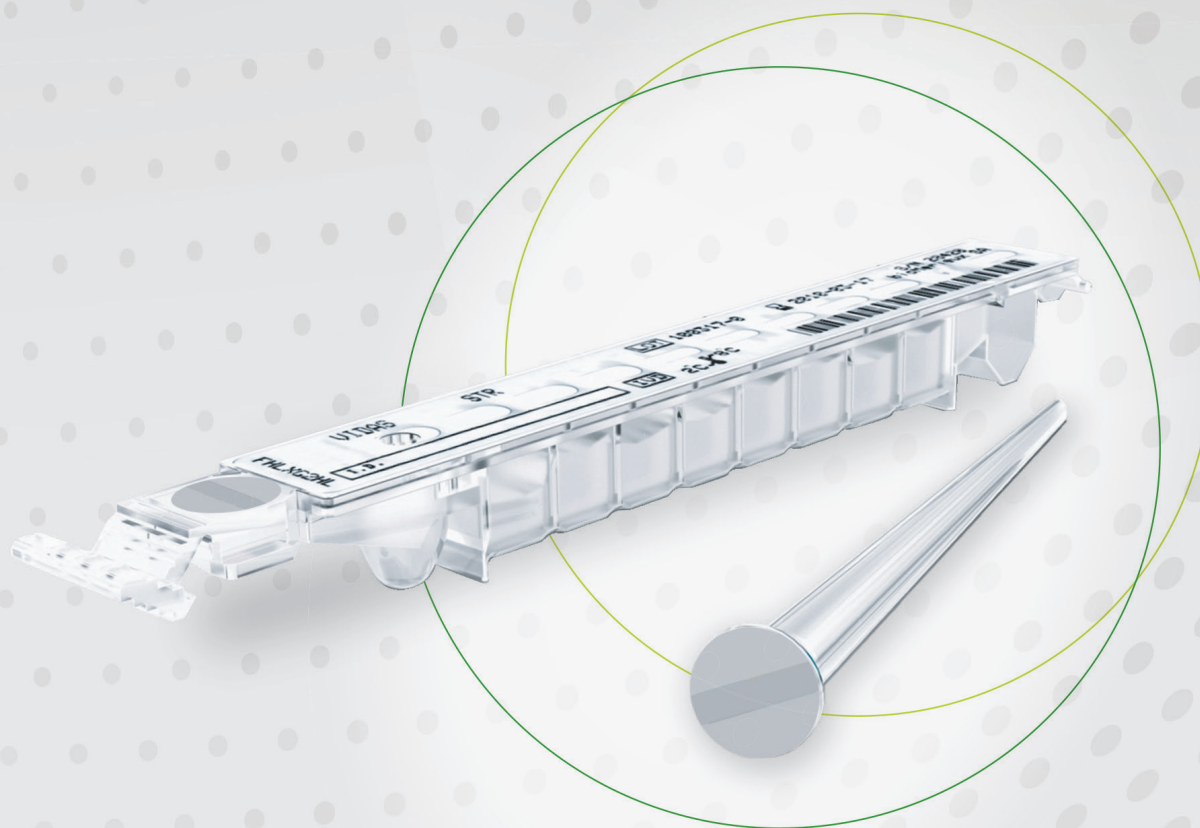


VIDAS® ASSAYS PRACTICAL INFORMATION



PIONEERING DIAGNOSTICS

VIDAS® PROTOCOLS & UNITS

VIDAS® ASSAYS INFORMATION

VIDAS® ASSAYS PROTOCOL COMPATIBILITY

EMERGENCY AND CRITICAL CARE

Parameter Code	Sample volume
PCT	200 µL
PBN2	200 µL
TNHS	200 µL
DIG	100 µL
CKMB	250 µL
MYO	150 µL
DEX2	200 µL
VWF	100 µL
PC	100 µL
NEPH	100 µL

IMMUNOCHEMISTRY

Parameter Code	Sample volume
TSH	200 µL
T4	200 µL
TSH3	200 µL
FT3	100 µL
FT4N	100 µL
CORS	100 µL
ATPO	100 µL
ATG	100 µL

T3	100 µL
PTH	300 µL
VITD	100 µL
TES2	100 µL
B2M*	100 µL
HCG	100 µL
FER	100 µL
IgE	100 µL
AFP	100 µL
E2II	200 µL
AMH	200 µL
PRL	200 µL
LH	200 µL
FSH	200 µL
PRG	200 µL
CEAS	200 µL
199	200 µL
125	200 µL
TPSA	200 µL
FPSA	200 µL
153	100 µL

INFECTIOUS DISEASES

Parameter Code	Sample volume
9COG	100 µL
9COM	100 µL
TBRA	3 x 300 µL
DEAG	200 µL
DENM	100 µL
DENG	100 µL
CHKM	100 µL
CHKG	100 µL
LYM	100 µL
LYG	100 µL
HBCM	100 µL
HBS	150 µL
AHBS	200 µL
HBS ^(a)	150 µL
confirmation test	
HCV	100 µL
HEVM	100 µL
HEVG	100 µL
HBCT	150 µL
HAVT	150 µL
HBE	150 µL
HBET ^(a)	150 µL
HBL	150 µL
HBL ^(a)	150 µL
confirmation test	

Parameter Code	Sample volume
HAVM	100 µL
HIV5	200 µL
HIV6	200 µL
P24	200 µL
P24 ^(a)	200 µL
confirmation test	
RBM	100 µL
TXC	125 µL
TXGA ^(b)	2 x 100 µL
TXG	100 µL
TXM	100 µL
RBG	100 µL
B2M*	100 µL
CMVG	100 µL
CMVA	2 x 100 µL
HPY	100 µL
MSG	100 µL
MPG	100 µL
VZG	100 µL

Parameter Code	Sample volume
VCAG	100 µL
VCAM	100 µL
EBNA	100 µL
GDH ^(a)	300 µL
CDAB ^(a)	300 µL

(a) = After sample processing.
(b) = After dilution to obtain 15 IU/mL.
* B2M protocol compatible with ToRC

VIDAS® ASSAYS UNITS

Only parameters for which results can be expressed in different units are given in this table.

EMERGENCY AND CRITICAL CARE

Parameter Code	Proposed VIDAS Unit	Conversion Factors
DEX2	µg/mL ng/mL	(FEU) (FEU)
DIG	nmol/L µg/L ng/mL	nmol/L x 0.781 → ng/mL ng/mL x 1.28 → nmol/L
NEPH	(ng/mL) ² /1000 The AKIRISK™ Score is displayed without units	
MYO	µg/L ng/mL	
PBN2	pmol/L pg/mL	
PC	IU/mL %	
PCT	µg/L ng/mL	
TNHS	ng/L pg/mL	
vWF	IU/mL	

IMMUNOCHEMISTRY

Parameter Code	Proposed VIDAS Unit	Conversion Factors
AFP	µg/L ng/mL µg/mL IU/mL UI/mL	ng/mL x 0.826 → UI/mL UI/mL x 1.21 → ng/mL
AMH	ng/mL pmol/L ng/dL	pmol/L x 0.14 → ng/mL ng/mL x 7.14 → pmol/L
CEAS	ng/mL	ng/mL x 15.43 → mUI/mL
FSH LH	IU/L mIU/mL UI/L mUI/mL	
IgE	UI/mL kIU/L IU/mL kUI/L	
PRG	nmol/L ng/mL	nmol/L x 0.3145 → ng/mL ng/mL x 3.1796 → nmol/L
PRL	µUI/mL µIU/mL ng/mL.1IRP ng/mL.3IS	1 ng 1 st IRP = 32 µ UI 1 ng 3 rd IS = 21 µ UI 1 ng/mL 3 rd IS = 1.524 ng/mL 1 st IRP

Parameter Code	Proposed VIDAS Unit	Conversion Factors
RBG	UI/mL IU/mL	
TES2	nmol/L ng/mL ng/dL	nmol/L x 0.288 → ng/mL ng/mL x 3.47 → nmol/L
TSH	mUI/L µIU/mL mIU/L µUI/mL	
TSH3	µIU/mL µUI/mL	
TXG	IU/mL UI/mL	
VITD	ng/mL nmol/L	

INFECTIOUS DISEASES

Parameter Code	Proposed VIDAS Unit	Conversion Factors
AHBS	mUI/mL	
B2M	µg/mL UI/mL IU/mL kUI/L kIU/L mg/L	mg/L x 14 → UI/mL UI/mL x 0.071 → mg/L
CMVG	AU/mL UA/mL	
HAVT	IU/L mIU/mL UI/L mUI/mL	
HBCM	PEIU/mL	
HCG	UI/L mIU/mL IU/L kUI/L kIU/L mUI/mL	
HEVM	U/mL	
P24	pg/mL Ag P24 pg/mL Ag VIH	1pg/mL of P24 = 3.65pg/mL
9COG	Index	Index 1 = 20.33 BAU/mL

FEU: Fibrinogen Equivalent Unit
In bold is the default unit

VIDAS® - PROTOCOLS - UNITS

VIDAS® - PARAMETERS

VIDAS® ASSAY INFORMATION

	Range	Parameter	Reference	Code	Sample Volume	Calibration-Control		Sample Pre-Treatment	Test validated using	Test time (minutes)	Measurement Range or Interpretation
						Test	Frequency				
EMERGENCY AND CRITICAL CARE	BACTERIAL INFECTION	B.R.A.H.M.S PCT™	30450 30450-30	PCT	200 µL	S1 S1 S2 S2 C1 C2	28 days	no	Serum, Plasma (Hep.)	20	0.05 - 200 ng/mL
	CARDIAC	NT-proBNP2	30458 30458-30	PBN2	200 µL	S1 S1 S2 S2 C1 C2	28 days	no	Serum, Plasma (Hep.)	20	15 - 25,000 pg/mL
		Hs Troponin I	415386 415386-30	TNHS	200 µl	S1 S1 S2 S2 C1 C2	56 days	no	Serum, Plasma (Hep.)	20	1.5 - 40,000 pg/mL
		Myoglobin	30446	MYO	150 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep.)	17	5 - 1,000 µg/L
		CK-MB	30421	CKMB	250 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA)	30	0.8 - 300 ng/mL
		Digoxin	30603	DIG	100 µL	S1 S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA)	20	0.2 - 5 ng/mL
	VENOUS THROMBO-EMBOLISM / COAGULATION	D-Dimer Exclusion™ II	30455-02 30455-30	DEX2	200 µL	S1 S1 C1 C2	28 days	no	Plasma (Cit.)	20	45 - 10,000 ng/mL (FEU)
		Protein C	30115	PC	100 µL	S1 S1 C1	14 days	no	Plasma (Cit.)	35	1 - 120 %
		vWF	30436	vWF	100 µL	S1 S1 C1	14 days	no	Plasma (Cit.)	35	1 - 120 %
	ACUTE KIDNEY INJURY	NEPHROCHECK®	421172-03	NEPH	100 µL	S1 S1 C1	56 days	no	Urine	46	0.04 – 10.00
IMMUNOCHEMISTRY	HORMONES & FERTILITY	AMH	417011	AMH	200 µL	S1 S1 C1	28 days	no	Serum, Plasma (Lith., Hep.)	40	0.02 – 9 ng/mL
		Estradiol II	30431 30431-01	E2II	200 µL	S1 C1	56 days	no	Serum, Plasma (Hep.)	60	9 - 3,000 pg/mL
		FSH	30407	FSH	200 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep.)	40	0.1 - 110 mIU/mL
		LH	30406	LH	200 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep.)	40	0.1 - 100 mIU/mL
		HCG	30405	HCG	100 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA)	30	2 - 1,500 mIU/mL
		Prolactin	30410	PRL	200 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep.)	40	0.5 - 200 ng/mL
		Progesterone	30409	PRG	200 µL	S1 S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA, Silicone, Gel)	45	0.25 - 80 ng/mL
		Testosterone II	414320	TES2	100 µl	S1 S1 C1	28 days	no	Serum, Plasma	40	0.05 to 13.50 ng/mL
		Cortisol S	30451-30	CORS	100 µL	S1 S1 S1 C1	14 days	yes (urine) ⁽²⁾	Serum, Plasma (Hep., EDTA), 24-hour Urine	40	2 - 650 ng/mL
	THYROID	TSH	30400 30400-01	TSH	200 µL	S1 S1 C1	56 days	no	Serum, Plasma (Hep., Beads, Gel)	40	0.05 - 60 µIU/mL
		TSH3	30441	TSH3	200 µL	S1 S1 S2 S2 C1 C2	14 days	no	Serum, Plasma (Hep., Silicone, Gel)	80	0.005 - 100 µIU/mL
		FT3	30402	FT3	100 µL	S1 S1 S1 C1	14 days	no	Serum, Plasma (Hep.)	40	0.7 - 45 pmol/L
		FT4	30459	FT4N	100 µL	S1 S1 C1	56 days	no	Serum, Plasma (Hep., Silicone, Gel)	40	1 - 100 pmol/mL
		T3	30403	T3	100 µL	S1 S1 S1 C1	56 days	no	Serum, Plasma (Hep.)	40	0.4 - 9 nmol/L
		T4	30404	T4	200 µL	S1 S1 S1 C1	28 days	no	Serum, Plasma (Hep.)	40	6 - 320 nmol/L
		Anti-TPO	30461	ATPO	100 µL	S1 S1 C1	28 days	no	Serum, Plasma (Hep., EDTA, Silicone, Gel)	25	0.8 - 1,000 IU/mL
		Anti-Tg	30462	ATG	100 µL	S1 S1 C1	28 days	no	Serum, Plasma	25	6.4 - 800 IU/mL
	TUMOUR MARKERS	AFP	30413	AFP	100 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA), Amniotic Fluid	30	0.5 - 400 IU/mL
		CA 15-3*	30429	153	100 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep, EDTA)	60	2 - 400 U/mL
		CA 19-9™	30427	199	200 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep, EDTA)	60	3 - 500 U/mL
		CA 125 II™	30426	125	200 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep, EDTA)	60	4 - 600 U/mL
		CEA S	30453	CEAS	200 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep.)	60	0.5 - 200 ng/mL
		FPSA	30440	FPSA	200 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA)	60	0.05 - 10 ng/mL
		TPSA	30428	TPSA	200 µL	S1 S1 C1	56 days	no	Serum, Plasma (Hep., EDTA)	60	0.07 - 100 ng/mL
		β2 Microglobulin	30420	B2M	100 µL	S1 S1 C1 C2	14 days	yes (urine) ⁽²⁾	Serum, Plasma (Hep., EDTA), Urine	40	0.004 - 4 mg/L
	ALLERGY	Total IgE	30419	IGE	100 µL	S1 S1 C1	14 days	no	Serum, Plasma (Lith. Hep., EDTA)	30	0.5 - 1,000 kIU/L
	BONE & MINERAL METABOLISM	PTH (1-84)	422010	PTH	300 µL	S1 S1 C1	84 days	no	Serum, Plasma (Lith. Hep., EDTA)	24	4.0-1,500 pg/mL
		25 OH Vitamin D TOTAL	30463	VITD	100 µL	S1 S1 C1	56 days	no	Serum, Plasma (Lith. Hep.)	40	8.1 - 126 ng/mL
		Ferritin	30411	FER	100 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA)	30	1.5 - 1,200 ng/mL
INFECTIOUS DISEASES	TUBERCULOSIS	TB-IGRA	423111	TBRA	3 x 300µL	S1 S1 C1	56 days	no	Whole blood	1020 (17h)	Positive, Negative, indeterminate
	VECTOR BORNE DISEASES	DENGUE NS1 Ag	423077	DEAG	200µL	S1 S1 C1 C2	56 days	no	Serum	60	Qualitative test : Negative or positive
		Anti-DENGUE IgM	423078	DENM	100µL	S1 S1 C1 C2	56 days	no	Serum	40	Qualitative test : Negative or positive
		Anti-DENGUE IgG	423079	DENG	100µL	S1 S1 C1 C2	56 days	no	Serum	40	Qualitative test : Negative or positive
		Anti-CHIKUNGUNYA IgM	423229	CHKM	100µL	S1 S1 C1 C2	56 days	no	Serum	40	Qualitative test : Negative or positive
		Anti-CHIKUNGUNYA IgG	423230	CHKG	100µL	S1 S1 C1 C2	56 days	no	Serum	40	Qualitative test : Negative or positive
		Lyme IgM	30319	LYM	100 µL	S1 S1 C1 C2	28 days	no	Serum, Plasma (Hep.)	27	Qualitative test: Negative, Positive or Equivocal
		Lyme IgG	30320	LYG	100 µL	S1 S1 C1 C2	28 days	no	Serum, Plasma (Hep.), CSF	27	Qualitative test: Negative or Positive
	COVID-19	SARS-COV-2 IgG II	424114	9COG	100 µL	S1 S1 C1 C2	56 days	no	Serum, Plasma (Hep.)	0,40 - 17,00 (index)	Semi quantitative test Positive, Negative
		SARS-COV-2 IgM	423833	9COM	100 µL	S1 S1 C1 C2	28 days	no	Serum, Plasma (Hep.)	0,40 - 17,00 (index)	Qualitative test Positive, Negative
	HEPATITIS	HAV IgM	30307	HAVM	100 µL	S1 S1 C1 C2	14 days	no	Serum, Plasma (EDTA, Hep.)	60	Qualitative test: Negative, Positive or Equivocal
		Anti-HAV Total	30312	HAVT	150 µL	S1 S1 C1 C2	14 days	no	Serum, Plasma (EDTA, Hep., Cit.)	90	15 - 400 mIU/mL
		HBs Ag Ultra ⁽¹⁾	30315	HBS• HBL	150 µL	S1 S1 C1 C2	14 days	no	Serum, Plasma (Hep.)	60 / 90	Qualitative test: Negative or Positive
		Anti-HBs Total II	30318	AHBS	200 µL	S1 S1 C1 C2	28 days	yes ⁽²⁾	Serum, Plasma (Hep.)	60	3 - 500 mIU/mL
		Anti-HBc Total II	30314	HBCT	150 µL	S1 S1 S1 C1 C2	14 days	no	Serum, Plasma (EDTA, Hep., Cit.)	90	Qualitative test: Negative, Positive or Equivocal
		HBc IgM II	30439	HBCM	100 µL	S1 S1 C1 C2	14 days	no	Serum, Plasma (EDTA, Hep., Cit.)	55	0 - 200 PEIU/mL
		Hbe / Anti Hbe	30305	HBE	150 µL	Hbe : S1 S1 C1 C2 Anti Hbe : S2 S2 C2 C3	14 days	yes ⁽²⁾	Serum, Plasma (EDTA, Hep., Cit.)	90	Qualitative test: Negative or Positive
		Anti-HCV	30308	HCV	100 µL	S1 S1 C1 C2	28 days	no	Serum, Plasma (Hep.)	40	Qualitative test: Negative or Positive
		Anti-HEV IgM	418115	HEVM	100 µl	S1 S1 C1 C2	28 days	no	Serum, Plasma (EDTA, Hep.)	40	Qualitative test: Negative or Positive
		Anti-HEV IgG	418116	HEVG	100 µl	S1 S1 C1 C2	28 days	no	Serum, Plasma (EDTA, Hep.)	40	Quantitative : 0.10-10.00 U/mL
	HIV	HIV DUO Ultra	30443	HIV5	200 µL	S1 S1 S2 S2 C1 C2 C3	14 days	no	Serum, Plasma (EDTA, Hep.) ⁽²⁾	120	Ag and Ab qualitative test: Negative or Positive
		HIV DUO Quick	30447	HIV6	200 µL	S1 S1 C1 C2 C3	14 days	no	Serum, Plasma (EDTA, Hep.) ⁽²⁾	80	Qualitative test: Negative or Positive
		HIV P24 II ⁽¹⁾	30117	P24	200 µL	S1 S1 C1 C2	14 days	no	Serum, Plasma (EDTA, Hep., Ox., Thrombin)	90	0 - 400 pg/mL of Ag P24
	ToRC	TOXO IgM	30202	TXM	100 µL	S1 S1 C1 C2	14 days	no	Serum ⁽³⁾	40	Qualitative test: Negative, Positive or Equivocal
		TOXO IgG II	30210	TXG	100 µL	S1 S1 C1 C2	14 days	no	Serum ⁽³⁾ , Plasma (EDTA, Hep.)	40	0-300IU/mL
		TOXO Competition	30211	TXC	125 µL	S1 S1 C1 C2	14 days	no	Serum ⁽³⁾ , Plasma (EDTA, Hep.)	40	Qualitative test: Negative or Positive
		TOXO IgG Avidity	30222	TXGA	2 x 100 µL	C1 C2	14 days	no	Serum ⁽³⁾ , Plasma (EDTA, Hep., Cit)	40	Avidity index (AI) An AI ≥ 0.3 is a strong indication of a primary infection dating back more than 4 months. An AI < than 0.3 does not enable a recent infection to be differentiated from a former infection.
		RUB IgM	30214	RBM	100 µL	S1 S1 C1 C2	14 days	no	Serum	60	Qualitative test: Negative, Positive or Equivocal
		RUB IgG II	30221	RBG	100 µL	S1 S1 C1 C2	14 days	no	Serum, Plasma (EDTA, Hep.)	40	0 - 400 IU/mL
		CMV IgM	30205	CMVM	100 µL	S1 S1 C1 C2	14 days	no	Serum	60	Qualitative test: Negative, Positive or Equivocal
		CMV IgG	30204	CMVG	100 µL	S1 S1 C1 C2	14 days	no	Serum	40	0 - 400 AU/mL
		CMV IgG Avidity II	413557	CMVA	2 x 100 µL	CH CL	14 days	no	Serum	40	Avidity index (AI) An AI ≥ 0.65 is a strong indication of a primary infection dating back more than 3 months. An AI < than 0.40 is a strong indication of a primary infection dating back less than 3 months. An 0.40 < AI < 0.65 does not enable to distinguish a recent infection from a former infection.
	ADDITIONAL SEROLOGIES	EBV VCA IgM	30237	VCAM	100 µL	S1 S1 S1 C1 C2	28 days	no	Serum	40	Qualitative test: Negative, Positive or Equivocal
		EBV VCA/EA IgG	30236	VCAG	100 µL	S1 S1 S1 C1 C2	28 days	no	Serum	40	Qualitative test: Negative, Positive or Equivocal
		EBV EBNA IgG	30235	EBNA	100 µL	S1 S1 S1 C1 C2	28 days	no	Serum	40	Qualitative test: Negative, Positive or Equivocal
		Measles IgG	30219	MSG	100 µL	S1 S1 C1 C2	14 days	no	Serum	40	Qualitative test: Negative, Positive or Equivocal
		Mumps IgG	30218	MPG	100 µL	S1 S1 C1 C2	14 days	no	Serum	40	Qualitative test: Negative, Positive or Equivocal
		Varicella-Zoster IgG	30217	VZG	100 µL	S1 S1 C1 C2	56 days	no	Serum	40	Qualitative test: Negative, Positive or Equivocal
		H. pylori IgG	30192	HPY	100 µL	S1 S1 C1 C2	14 days	no	Serum, Plasma (EDTA)	40	Qualitative test: Negative, Positive or Equivocal
ANTIGEN DETECTION		C. difficile GDH	30125	GDH	300 µL	S1 S1 C1 C2	28 days	yes ⁽²⁾	Stool	50	Qualitative test: Negative or Positive
		C. difficile Toxin A&B	30118	CDAB	300 µL	S1 S1 C1 C2 C3	14 days	yes ⁽²⁾	Stool	75	Qualitative test: Negative, Positive or Equivocal

• HBL = long protocol
(1) = Confirmation test available, (2) = See package insert, (3) = Inactivated or not 30 mins at 56°C.

BIOMÉRIEUX

MAKE THE MOST OF YOUR VIDAS® INVESTMENT

with bioMérieux Services to optimize integration and support of your system

System services - Maximize your instrument's uptime

- Hotline, remote & on-site maintenance, system & cyber-security update and verification guides

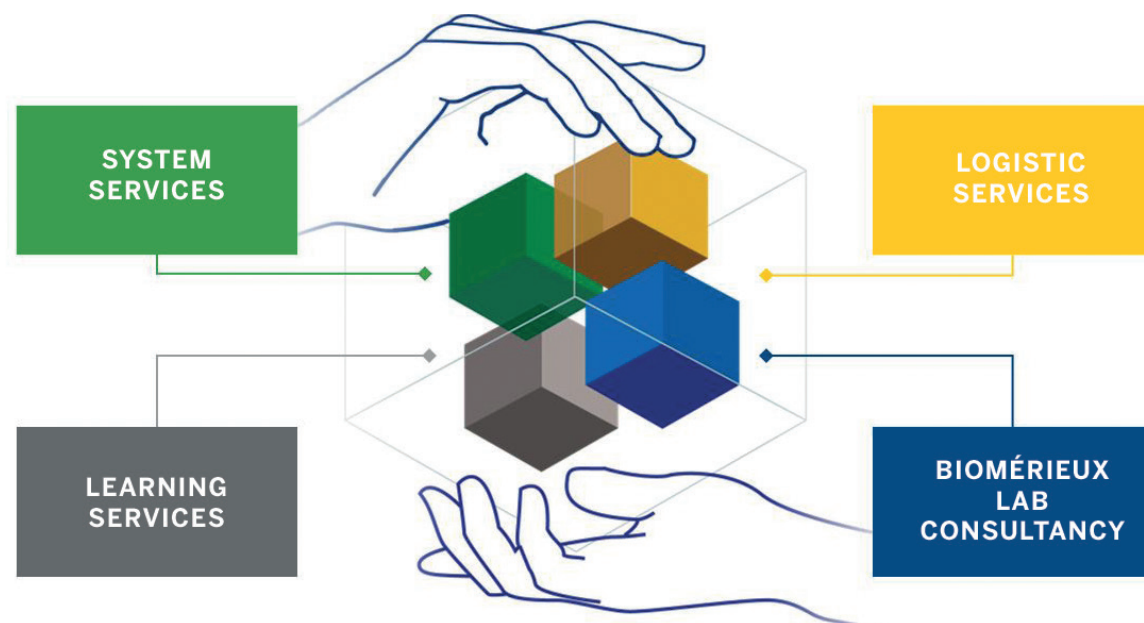
Learning services - Invest in people to ensure your routine efficiency

- On-site training and e-learning

Logistic services - Simplify your supply chain needs/processes

- Monolot, vendor managed inventory and order consolidation

bioMérieux Lab Consultancy - Envision your most effective lab



Please contact your local bioMérieux representative for further information.

Some of these assays/services may not be available in your country subject to regulatory status and availability.