



Full Quality Assurance System
Directive 98/79/EC on In Vitro Diagnostic Medical Devices (IVDD), Annex IV excluding (4, 6)
(List A and B and devices for self-testing)

No. V1 104507 0003 Rev. 01

Manufacturer: ACON Laboratories, Inc.

5850 Oberlin Drive, #340 San Diego CA 92121

USA

Product Category(ies): In Vitro diagnostics for the detection of

human infections and tumor markers, blood glucose measuring self-testing systems,

self-testing devices

for clinical chemistry, hematology and

pregnancy and ovulation

The Certification Body of TÜV SÜD Product Service GmbH declares that the aforementioned manufacturer has implemented a quality assurance system for design, manufacture and final inspection of the respective devices / device families in accordance with IVDD Annex IV. This quality assurance system conforms to the requirements of this Directive and is subject to periodical surveillance. For marketing of List A devices an additional Annex IV (4) certificate is mandatory. See also notes overleaf.

Report no.: SH1974310

 Valid from:
 2019-10-24

 Valid until:
 2022-09-12

Date, 2019-10-24

Stefan Preiß

1. Pumil

Head of Certification/Notified Body

Page 1 of 4

TÜV SÜD Product Service GmbH is Notified Body with identification no. 0123



Full Quality Assurance System
Directive 98/79/EC on In Vitro Diagnostic Medical Devices (IVDD), Annex IV excluding (4, 6)
(List A and B and devices for self-testing)

No. V1 104507 0003 Rev. 01

Model(s): For Detail Models see attachment

Facility(ies):

ACON Laboratories, Inc.
5850 Oberlin Drive, #340, San Diego CA 92121, USA

ACON Laboratories, Inc. 10125 Mesa Rim Road, San Diego CA 92121, USA

AZURE Institute, Inc. 10125 Mesa Rim Road, San Diego CA 92121, USA







Full Quality Assurance System Directive 98/79/EC on In Vitro Diagnostic Medical Devices (IVDD), Annex IV excluding (4, 6) (List A and B and devices for self-testing)

# No. V1 104507 0003 Rev. 01

# For the product(s)/product category (ies):

On Call Plus Blood Glucose Monitoring System,

On Call Plus Blood Glucose Test Strips,

On Call EZ II Blood Glucose Monitoring System,

On Call Redi Blood Glucose Monitoring System,

On Call Redi II Blood Glucose Test Strips,

On Call Advanced Blood Glucose Monitoring System,

On Call Advanced Blood Glucose Test Strips,

On Call Platinum Blood Glucose Monitoring System,

On Call Platinum Blood Glucose Test Strips,

On Call Chosen Blood Glucose Monitoring System,

On Call Chosen Blood Glucose Test Strips,

On Call Vivid Blood Glucose Monitoring System (OGM-101),

On Call Vivid Blood Glucose Test Strips (OGS-101),

On Call Vivid Pal Blood Glucose Monitoring System (OGM-102),

On Call Sharp Blood Glucose Monitoring System (OGM-121),

On Call Sharp Blood Glucose Test Strips (OGS-121)

On Call Plus II Blood Glucose Monitoring System (OGM-171),

On Call Plus II Blood Glucose Test Strips (OGS-171),

On Call Extra Blood Glucose Monitoring System (OGM-191),

On Call Extra Blood Glucose Test Strips (OGS-191),

On Call GK Dual Blood Glucose & Ketone Monitoring System (OGM-161),

On Call Blood Ketone Test Strips (OGS-161),

D-ONE Blood Glucose Monitoring System,

D-ONE Blood Glucose Test Strips,

Urinalysis Reagent Strips (Urine),

UTI Urinary Tract Infection Test Strips,

Toxoplasma IgG EIA Test Kit,

Toxoplasma IgM EIA Test Kit,

Rubella IgG EIA Test Kit,

Rubella IgM EIA Test Kit,

CMV IgG EIA Test Kit,

Page 3 of 4

TÜV SÜD Product Service GmbH is Notified Body with identification no. 0123



Full Quality Assurance System
Directive 98/79/EC on In Vitro Diagnostic Medical Devices (IVDD), Annex IV excluding (4, 6)
(List A and B and devices for self-testing)

# No. V1 104507 0003 Rev. 01

CMV IgM EIA Test Kit,

Total PSA EIA Test Kit,

PT Coagulation Monitoring System (CCM-121),

PT Coagulation Test Strips (CCS-121),

Cholesterol Monitoring System (CCM-111),

CHOL Total Cholesterol Test Devices (CCS-111),

TRIG Triglycerides Test Devices (CCS-112),

HDL High Density Lipoprotein Test Devices (CCS-113),

3-1 Lipid Panel Test Devices (CCS-114),

Cholesterol CTRL Control Devices,

Cholesterol Monitoring System (CCM-101),

CHOL Total Cholesterol Test Strips (CCS-101),

PT/INR Monitoring System (CCM-151),

PT/INR Test Strips (CCS-151),

Hemoglobin Testing System (CCM-141),

Hemoglobin Test Strips (CCS-141),

hCG Pregnancy Rapid Test Cassette (Urine),

Pregnancy Rapid Test Midstream,

On Call Extra Mobile Blood Glucose Monitoring System (OGM-281)

On Call Sure Blood Glucose Monitoring System (OGM-211)

On Call Sure Sync Blood Glucose Monitoring System (OGM-212)

On Call Sure Blood Glucose Test Strips (OGS-211)

On Call GU Dual Blood Glucose & Uric Acid Monitoring System (OGM-201)

On Call Blood Uric Acid Test Strips (OGS-201)

LH Ovulation Rapid Test Cassette (Urine)

Ovulation Rapid Test Midstream

Ovulation & Pregnancy Test Combo Pack

On Call Extra Voice Blood Glucose Monitoring System (OGM-291)

Early Detection Pregnancy Test

Digital Pregnancy Test



# **Declaration of Conformity**

# ACON Laboratories, Incorporated 5850 Oberlin Drive #340 San Diego, CA 92121, USA

We, the manufacturer, declare under our sole responsibility that the in vitro diagnostic device:

Mission® Urinalysis Reagent Strips (U031-XX1)

classified as Others in the directive 98/79/EC,

meets all the provisions of the directive 98/79/EC on in vitro diagnostic medical devices which apply to it

The self-declaration is according to Annex III (excluding Section 6) of the Directive.

Authorized Representative: Medical Device Safety Service GmbH Schiffgraben 41 30175 Hannover, Germany

Signed this 11 day of February, 2020 in San Diego, CA USA

Qiyi Xie, MD, MPH
Senior Staff, Regulatory Affairs & Clinical Affairs
Acon Laboratories, Inc.

# Mission® Urinalysis Reagent Strips and Urine Analyzers



# **Urinalysis Reagent Strips**

### Simple and Accurate

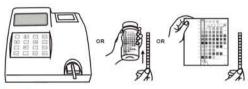
- Analytical sensitivity better than or comparable to market leaders
- · High quality color chart ensures accurate visual reading

- · Compatible for visual and analyzer reading
- · More than 30 different combinations available

# Multiple Packaging Options and Long Shelf Life

- Canister Packaging
   Available in 25, 50, 100 and 150 strips per kit
  - · 2 year shelf life for unopened canisters which offers cost savings and convenience for high volume testing
- 3 month shelf life for strips in opened canisters Pouch Packaging New!
- · Single-strip Pouch
  - Individually packaged strips with 1, 3, 6 and 20 strips and 1 color chart per kit for OTC or low volume testing
- . Unique packaging maintains 2 year shelf life for all strips in the kit compared to 3 months for remaining strips in an opened canister
- Multi-strip Pouch
- · Canister Refill Kits with 25 strips/pouch uniquely packaged to save cost for low volume testing and extended shelf life by using the canister for refills





Ste	ep 1: Immers	e strip into	o urine		Step 2: I	Remov	e exce	ss uri	ne S	tep 3	: Ob	tain	resul	ts b	y ana	lyze	er or	visua	l rea	ding	l)		
Catalan	No of	Туре	of Strip *	Office was	Downley	Read	ling Me	thod	Analyzer-Read			Parameters											
Catalog No.	No. of Parameters	For Visual Reading	For Analyzer Reading (U120/U500)	Strips per Canister	Pouch Packaging*	Visual	U120	U500	Strips: Standard (S) or Additional (A)	ASC	GLU	BIL	KET	sg	BLO	рН	PRO	URO	NIT	LEU	ALB	CRE	
U031-131	13	13C	NA	100*	<b>✓</b>	1	NA	NA	Α	*	*	*	*	*	*	*	*	*	*	*	*	*	
U031-111	11		11A	100	~	1	1	1	S	*	*	*	*	*	*	*	*	*	*	*			
		))	10U	100		4	~	1	S		*	*	*	*	*	*	*	*	*	*			
U031-101	10		10A	100	¥	1	1	~	A	*	*	*	*	*	*	*	*	*	*				
			10C	100"		1	/	1	S		*		*	*	*	*	*		*	*	*	*	
U031-091	9		9U	100	✓	1	1	1	S		*	*	*	*	*	*	*	*	*				
			8U			1	1	1	Α		*	*	*		*	*	*	*	*				
U031-081	8		8N	100	~	~	V	1	S		*		*	*	*	*	*		*	*			
			8S			1	1	1	A		*			*	*	*	*	*	*				
U031-071	7		7N	100	~	1	<b>V</b>	1	A		*		*		*	*	*		-	_		Ш	
U031-061	6	6N	6NE	100	<b>✓</b>	4	V	<b>V</b>	Α		*		_		*	*	*		546	*		Ш	
		6U	6UE			1	V	4				*		*	*		*	*	*				
		5B	5BE	-		1	1	-	7	_	*		*	-	*	*	*			_		$\vdash$	
U031-051 5	5	5N	5NE 5SE	100	~	1	<b>Y</b>	<b>√</b>	A		*	-	_	_	*		*	_	*	*	-	$\vdash$	
		5S 5U	5UE			1	1			_	*	*	-	*	*	*	*	*	- 26	-	-	$\vdash$	
		4S	4SE			4	·	1			*	*		*	*	*	*	*	*	*		$\blacksquare$	
		48 4B	4BE		1	1	~	_			*				*	*	*						
		4K	4KE		8	1	1	1			*		*		-	*	*						
U031-041	4	4G	4GE	100	<b>✓</b>	1		<i>y</i>	A		*		-		*	-	*					$\blacksquare$	
		4N	4NE			1	1	1			•				*		*		*	- 331			
		4P	4PE		1	1	1	1			*				-		*		*	- 11			
		3P	3PE			1	1	1			*					*	*	)					
	720	3K	3KE			1	1	1			*	$\vdash$	*	$\vdash$	$\vdash$	$\vdash$	*					Н	
U031-031	3	3G	3GE	100	<b>✓</b>	1	1	1	A		*		*		$\vdash$	*							
		3N	3NE			1	~	1							*				*	*		П	
		2G	2GE			1	1	1			*						*						
		2K	2KE			1	1	1			*		*							* * * * * * * * * * * * * * * * * * *			
		2N	2NE		1		1	1	1							*					*		
U031-021	2	2B	2BE	100	~	1	<b>V</b>	1	A		*		*										
		2U	2UE			1	1	1		l )		j j			İ				*	*	į		
		28	2SE			1	1	1						*		*							
		2C	2CE	100*		1	~	4													*	*	
		1B	1BE			1	~								*								
The second court is not been		1P	1PE			1	1	1			*												
U031-011	1	1G	1GE	100	✓	1	✓	✓	Α		*												
		1K	1KE	]		1	✓	1					*										
		1R	1RE			✓	✓	1	1								*						



Visual Strip Size 1-6 Parameters: 5 mm x 80 mm; 7-11 Parameters: 5 mm x 108 mm;

12-13 Parameters: 5 mm x 121 mm

- U120/U500 Strip Size 1-11 Parameters: 5 mm x 108 mm;

"E" means extended strip length for 1-6 Parameters

- Also available in canisters of 25, 50 and 150 strips
- Not available in canisters of 150 strips
- ▲ Single-strip Pouch available in 1,3, 6 and 20 strip kit
  Canister Refill Kit, with 25 strips per pouch or canister, available in 3-pouch and 1- canister kit, or 4-pouch kit



# **U120 Urine Analyzer**



- Accurate

   Up to 120 tests/hour in Continuous Test Option
- · Capable of reading 1 strip at a time in Single Test Option
- · Test modes include Routine, STAT and QC
- · Automatic calibration for accurate results and easy operation

- Can read up to 4 Strip combinations with 8, 9, 10, 11 parameters, additional strips with 1-11 parameters available upon request

- Convenient Operation
   Saves and recalls the last 2,000 results automatically
- · Audible beep signals operator to dip strips in urine
- · Can print up to 3 copies per test for convenient reviewing and easy record keeping
- · Option to print results on sticker paper for quick and simple record management

### **Easy Data Management**

- Includes RS232C port for easy data transfer to an external computer or LIS
   Optional Barcode Reader to record patient ID

### Unique Lockout Functions new!

- Strip Lockout
  - Prevents using strips of another brand on the U120 Urine Analyzer
  - · Requires barcode reader scan or manual entry of the canister code
- User Lockout

  - Eliminates unapproved users from testing
     Up to 10 lab operators can perform testing, but only the lab administrator can change analyzer settings
- QC Lockout
  - · Prevents testing without passing QC
  - Prevents testing without passing 4C
     QC tests can be performed once every 8 hours, day, week or month
     Analyzer will alert when to run QC test

  - . If QC tests fail, analyzer will switch to STAT mode and list "E" at the end of each test number

### Specifications

Feature	Specifications						
Analyzer Type	Manual						
Methodology	Reflectance Photometry						
Detection	Photosensitive Diode						
Throughput	Single Test Option: 60 tests/hour Continuous Test Option: 120 tests/hour						
Test Modes	Routine, STAT and QC						
Lockout Functions	Strip Lockout: Available Upon Request; Us	er/QC Lockout: Included with option to turn ON/OF					
Memory	Last 2,000 results	**					
Strip Incubation Time	1 Minute						
Wavelength of Monochromatic LED	525 nm and 635 nm						
Standard Strips	8, 9, 10, 11 Parameters (5 mm x 108 mm	n)					
Additional Strips Available	1-11 Parameters (5 mm x 108 mm); see U	RS Parameters					
Total Combinations Per Analyzer	4 Combinations						
Analyzer Ports	Standard RS232C Port for Barcode Reader or Data Transfer USB Port for Data Transfer 25 Pin Parallel Port for External Printer						
Capabilities	Internal Thermal Printer (included) Optional External Printer (not included)	RS232C Barcode Reader (optional) USB or RS232C Data Transfer Cable (optional)					
Major Readable Barcodes	Code 128, Code 39, Codabar (NW-7), Inte EAN 8, EAN 13	rleaved 25, UPC-A, UPC-E,					
Calibration	Automatic						
Available Languages on the Screen	English and additional language(s)						
Operating Conditions	0-40°C (32-104°F); ≤85% RH						
Storage Conditions	-5-50°C (23-122°F); ≤90% RH						
Power Source	100-240 VAC, 50-60 Hz						
Dimensions (L x W x H)	27.2 cm x 26.9 cm x 14.6 cm (10.7" x 10	1.6" x 5.7")					
Display Dimensions (L x W)	10.8 cm x 5.7 cm (4.2" x 2.2")						
Weight	2.6 kg (5.7 lbs)						

## **Ordering Information**

Product Name	Catalog No.	Co	mponents		Kit Box Dimensions (L x W x H) & Weight	Carton Dimensions (L x W x H) & Weight	Number of Kits/Carton	
U120 Urine Analyzer	U111-101√ <sup>†</sup>	1 Urine Analyzer 1 Strip holder		2 Fuses (2.0A) 1 Power Cord	42.0 cm x 41.5 cm x 3	1		
0 120 Offine Arranyzer	U111-101**	2 Printer Paper Rolls		1 Quick Start Guide 1 Instruction Manual	16.4" x 16.2" x 12.			
U120 Urine Analyzer	U111-111√ <sup>†</sup>	1 Urine Analyzer 1 Strip holder		2 Fuses (2.0A) 1 Power Cord	44.5cm x 44.5cm x 4			
with Barcode Reader	Omin	2 Printer Paper Roll 1 Barcode Reader (		Serial Splitter Cable (RS232C)     Quick Start Guide     Instruction Manual	17.5" x 17.5" x 15.	1		
Barcode Reader	U221-111√ <sup>†</sup>	1 Barcode Reader (RS232C)		1 Serial Splitter Cable (RS232C)	23.6 cm x 10.8 cm x 7.8 cm; 0.482 kg 9.3" x 4.3" x 3.1"; 17.0 oz	22		
Printer Paper Rolls	11101 101	11121-101 4 Printer Paper Rolls	Thermal Paper (0.06 m x 20 m): 200 results/roll		12.0 cm x 12.0 cm x 6.5 cm; 0.36kg 4.7" x 4.7" x 2.6"; 12.7oz	63.0 cm x 37.0 cm x 30.0 cm; 19.4 kg 24.8" x 14.6" x 11.8"; 684.3 oz	50	
	U121-101			aper (0.06 m x 9 m): 100 results/roll	12.0 cm x 12.0 cm x 6.5 cm; 0.4 kg 4.7" x 4.7" x 2.6"; 14.1 oz	63.0 cm x 37.0 cm x 30.0 cm; 21.4 kg 24.8" x 14.6" x 11.8"; 684.3 oz; 754.9 oz	9	
U120 Data Transfer Kit	U221-131 <sup>à</sup>	1 Data Transfer Cable	e (RS232C)	1 Package Insert	16.0 cm x 13.0 cm x 3.5 cm; 0.147 kg 6.3" x 5.1" x 1.4"; 5.2 oz	25.0 cm x 21.0 cm x 15.0 cm; 1.36 kg 9.8" x 8.3" x 5.9"; 48.0 oz	8	

# **U500 Urine Analyzer**



Accurate and Efficient

• Up to 500 tests/hour for medium/large volume sample testing
• Professional accuracy equivalent to market leader
• Automatic strip detection and alignment for better efficiency
• Test modes include Routine, STAT and QC

Easy to Operate

Large touch screen LCD offers simple menu navigation

Uniquely designed strip platform/waste tray unit for easy one-step cleaning

CONVENIENT

Automatic calibration and waste disposal reduce hands-on time

Can read strips with 8, 9, 10, 11 parameters, additional strips with 1-11 parameters available upon request

Strip selection of up to 4 combinations for analyzer reading

Stories up to 2,000 records and automatically flags abnormal results

Capable of printing results on sticker paper for quick and easy record management

Data Management Capability
Includes R\$232C port for easy data transfer to an external computer or LIS
Optional Barcode Reader to record patient ID
Unique Lockout Functions Coming Soon!

Strip Lockout
 Prevents using strips of another brand on the U500 Urine Analyzer
 Requires barcode reader scan or manual entry of the canister code

User Lockout

Eliminates unapproved users from testing
 Up to 10 lab operators can perform testing, but only the lab administrator can change analyzer settings.

QC Lockout
 Prevents testing without passing QC

QC tests can be performed once every 8 hours, day, week or month
Analyzer will alert when to run QC test
If QC tests fail, analyzer will switch to STAT mode and list "E" at the end of each test number

# **Specifications**

Feature	Specifications						
Analyzer Type	Semi-Automatic						
Methodology	Reflectance Photometry						
Detection	Photosensitive Diode						
Throughput	500 tests/hour (Measuring cycle: 7 seconds/test)						
Test Modes	Routine, STAT and QC						
Lockout Functions	Strip Lockout: Available Upon Request; User/QC Lockout: Included with option to turn ON/OFF						
Memory	Last 2,000 Records						
Strip Incubation Time	1 Minute						
Wavelength	525 and 635 nm						
Standard Strips	8, 9, 10, 11 Parameters (5 mm x 108 mm)						
Additional Strips Available	1-11 Parameters (5 mm x 108 mm); see URS Parameters						
Total Combinations Per Analyzer	4 Combinations						
Waste Disposal Capacity	Up to 150 Strips						
Analyzer Ports	Standard RS232C Port for Barcode Reader or Data Transfer 25 Pin Parallel Port for External Printer						
Capabilities	Internal Thermal Printer (included) Optional External Printer (not included) RS232C Barcode Reader (optional) RS232C Data Transfer Cable (optional)						
Major Readable Barcodes	Code 128, Code 39, Codabar (NW-7), Interleaved 25, UPC-A, UPC-E, EAN 8, EAN 13						
Calibration	Automatic						
Available Languages on the Screen	English and additional language(s)						
Operating Conditions	0-40°C (32-104°F); ≤85% RH						
Storage Conditions	-5-50°C (23-122°F); ≤90% RH						
Power Source	100-240 VAC, 50-60 Hz						
Dimensions (L x W x H)	36.6 cm x 28.3 cm x 19.5cm (14.4" x 11.1" x 7.7")						
Display Dimensions (LxW)	11.5 cm x 9.0 cm (4.5" x 3.5")						
Weight	4.0 kg (8.8 lbs)						

# Ordering Information

				ordering information					
Product Name	Catalog No.	Components			Kit Box Dimensions (L x W x H) & Weight	Carton Dimensions (L x W x H) & Weight	Number of Kits/Cartor		
UEOO Ulian Analana	US	1 Urine Analyzer 1 Strip Platform/Waste	e Tray	2 Fuses (2.0A) 1 Power Cord	51.0 cm x 42.0 cm x 38.5 cm; 7 kg 20.1" X 16.5" x 15.2"; 246.9 oz				
U500 Urine Analyzer	U211-101√	2 Printer Paper Roll		1 Instruction Manual					
U500 Urine Analyzer	11211-111√	1 Urine Analyzer  1 Strip Platform/Waste Tray 2 Printer Paper Rolls 1 Barcode Reader (RS232C)		2 Fuses (2.0A) 1 Power Cord	55.0 cm x 55.0 cm x 55.0cm; 9.2 kg				
with Barcode Reader	02111111			Serial Splitter Cable (RS232C)     Instruction Manual	21.7" x 21.7" x 21.7"; 324.5 oz				
Barcode Reader	U221-111 <sup>à</sup>	1 Barcode Reader (RS232C)		1 Serial Splitter Cable (RS232C)	23.6 cm x10.8 cm x 7.8 cm; 0. 482 kg 9.3" x 4.3" x 3.1"; 17.0 oz	63.0 cm x 37.0 cm x 30.0 cm; 12 kg 24.8" x 14.6" x 11.8"; 423.3 oz	22		
Printer Paper Rolls	LI121_101 4 Printer Paper Rolls	Thermal Paper (0.06 m x 20 m): 200 results/roll		12.0 cm x 12.0 cm x 6.5 cm; 0.360 kg 4.7" x 4.7" x 2.6"; 12.7oz	63.0 cm x 37.0 cm x 30.0 cm; 19.4 kg 24.8" x 14.6" x 11.8"; 684.3 oz	50			
Filliter Faper Rolls	U121-101			per (0.06 m x 9 m): 100 results/roll	12.0 cm x 12.0 cm x 6.5 cm; 0.40 kg 4.7" x 4.7" x 2.6"; 14.10z	63.0 cm x 37.0 cm x 30.0 cm; 21.4 kg 24.8" x 14.6" x 11.8"; 684.3 oz; 754.9 oz	7 1 1/2/21		
U500 Data Transfer Kit	U221-131√	1 Data Transfer Cable	(RS232C)	1 Package Insert	16.0 cm x 13.0 cm x 3.5 cm; 0.147kg 6.3" x 5.1" x 1.4"; 5.2 oz	25.0 cm x 21.0 cm x 15.0 cm; 1.36 kg 9.8" x 8.3" x 5.9"; 48.0 oz	8		

# We also offer other rapid diagnostic and medical products:

Blood Glucose Monitoring Systems, Immunoassay EIA/ELISA and more.

✓ CE Marked for sale in the European Community † Cleared for US 510(k)



ACON Laboratories, Inc., 10125 Mesa Rim Road, San Diego, CA 92121, U.S.A. • Tel: 1-858-875-8000 • Fax: 1-858-200-0729 • E-mail: info@aconlabs.com Please visit our website for details: www.aconlabs.com