



ProLyte®

The World's Most Popular Electrolyte Analyzer

 diamonddiagnostics.com/prolyte

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Languages

English, 中文, Español, Français, Deutsch, Bahasa Indonesia, Italiano, 日本語, 한국어, Português, Polskie, Русский, Türkçe

User Input

4" Touch Screen
External Keyboard
Remote Access

Connectivity

LAN, Wifi,
4 USB ports
RS232, LIS

Calibration

2 Point every 4 hours
1 Point every sample
On Demand

Sample Size

Whole Blood, Serum (95 µl)
Plasma, QCs (95 µl)
Urine (180 µl)

Analysis Time

45 sec (240/hour)

Number of Parameters

Na⁺ K⁺ Cl⁻ Li⁺
4 Total
3 Simultaneously

Data Storage

20,000 Patient Results
10,000+ QC Results per Level

Support

Online Service Interface



Parameter	Range	Reproducibility ¹	Resolution
Na ⁺	45-205 mmol/L	CV ≤ 1% (120-160mmol/L)	0.01 mmol/L
K ⁺	1.5-15 mmol/L	CV ≤ 1.5% (2.5-6 mmol/L)	0.01 mmol/L
Cl ⁻	45-205 mmol/L	CV ≤ 1% (85-130 mmol/L)	0.01 mmol/L
Li ⁺	0.15-5.00 mmol/L	SD ≤ 0.03 mmol/L (0.4-1.3 mmol/L)	0.001 mmol/L
Urine ² Na ⁺	30-1020 mmol/L	CV ≤ 5% (100-250 mmol/L)	0.01 mmol/L
K ⁺	20-505 mmol/L ³	CV ≤ 5% (10-60 mmol/L)	0.01 mmol/L
Cl ⁻	25-505 mmol/L	CV ≤ 5% (100-250 mmol/L)	0.01 mmol/L

1- Typical Within Run (n=30) Blood, Serum, Plasma
2- Lithium is not typically measured in urine samples
3- (60-120) requires additional dilution

Power

100-240V, 50W max
50-60 Hz, 1.6A max

Size & Weight

13.2 x 12.4 x 12 in, 14 lbs
335 x 315 x 295 mm, 6 kgs

Ambient Conditions

Humidity: < 85%
Room Temperature: 60-90°F (15-32°C)



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SOP23-0005F REV28 03/23/23