

EasyLyte EXPAND

easy inside and out

Na⁺ K⁺ Cl⁻ Ca⁺⁺ ∫ Li⁺

NEW EasyLyte Expand
More options for testing electrolytes



Intentionally easy

... to do more

- Confidence in medical decision with rapid and accurate results for 4 parameters in one sample
- Compatible with serum, plasma, whole blood or urine samples

... to use

- Minimal training required with Yes/No intuitive interface
- Automatic or on-demand calibration
- Automatic probe wiping

... to maintain

- Reagents and waste conveniently contained in single multi-use pack
- Maintenance-free disposable electrodes



<http://medicacorp.com/electrolyte-analyzers/easylyte>

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EasyLyte EXPAND Technical Specifications

CLIA Classification:	Moderate Complexity
Configurations:	Na ⁺ /K ⁺ /Cl ⁻ /Ca ⁺⁺ or Na ⁺ /K ⁺ /Cl ⁻ /Li ⁺
Analysis Time:	Plasma, Serum, Whole Blood: 60 seconds Urine: 90 seconds
Sample types:	Whole Blood, Serum, Plasma, or Diluted Urine
Sample Size:	100 µL Whole Blood, Serum, Plasma or 400 µL Diluted (1:10) Urine
Sample Temperature:	Ambient Temperature (15-32°C)
Method:	Direct (undiluted) measurement by Ion Selective Electrode (ISE)
Calibration:	Automatic 1-point calibration with every sample or on-demand Automatic 2-point calibration every 4 hours
Output:	128 x 64 pixel graphic display 24 column thermal printer Serial port (RS-232 optional)
Ambient Conditions:	15-32°C (60-90°F), <85% humidity
Power:	100-240 VAC 50/60 Hz 0.8A (serial numbers beginning with "C")
Size:	9.5" (W) x 16.5" (H) x 8.0" (D); 24 cm (W) x 42 cm (H) x 20 cm (D)
Weight:	13lbs; 5.8 kg

Data Storage

Patient:	125 results
QC:	Normal: 20 results; Low: 20 results; High: 20 results

Performance	Units	Na ⁺	K ⁺	Cl ⁻	Ca ⁺⁺	Li ⁺
Resolution:	mmol/L	0.1	0.01	0.1	0.01	0.01

Serum, Plasma, Whole Blood

Detection Range:	mmol/L	20-200	0.2-40	25-200	0.1-6.0	0.2-5.0
Reproducibility (typical):	mmol/L	80.0-200.0	1.00-10.00	50.0-150.0	0.40-1.50	0.40-4.00
Reproducibility within run (n=20):	%	C.V.< 1	C.V.< 2	C.V.< 2	----	----
	mmol/L	----	----	----	S.D.< 0.02	S.D.< 0.03
Reproducibility between run (10 days):	%	C.V.< 2	C.V.< 2.5	C.V.< 2.5	----	----
	mmol/L	----	----	----	S.D.< 0.03	S.D.< 0.05

Urine

Detection Range:	mmol/L	25-1000	1-500	25-500	----	----
Reproducibility (urine std.):	mmol/L	160.0	60.00	130.0	----	----
Reproducibility within run (n=20):	%	C.V.≤ 5	C.V.≤ 5	C.V.≤ 5	----	----
Reproducibility between run (10 days):	%	C.V.≤ 5	C.V.≤ 5	C.V.≤ 5	----	----

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