

# EasyLyte EXPAND

Na<sup>+</sup> K<sup>+</sup> Cl<sup>-</sup> Ca<sup>++</sup> Li<sup>+</sup>

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://mediacorp.com/electrolyte-analyzers/easylyte>

experience **Easy**

# EasyLyteEXPAND Technical Specifications

CLIA Classification:	Moderate Complexity
Configurations:	Na <sup>+</sup> /K <sup>+</sup> /Cl <sup>-</sup> /Ca <sup>++</sup> or Na <sup>+</sup> /K <sup>+</sup> /Cl <sup>-</sup> /Li <sup>+</sup>
Analysis Time:	Plasma, Serum, Whole Blood: 60 seconds Urine: 90 seconds (Na <sup>+</sup> /K <sup>+</sup> /Cl <sup>-</sup> only)
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

## Optional Equipment

Barcode Reader:	Sample ID
EasySampler:	(Na <sup>+</sup> /K <sup>+</sup> /Cl <sup>-</sup> /Li <sup>+</sup> automated sampling only)

Performance	Units	Na <sup>+</sup>	K <sup>+</sup>	Cl <sup>-</sup>	Ca <sup>++</sup>	Li <sup>+</sup>
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	< 2	< 2	----	----
	S.D. (mmol/L)	----	----	----	< 0.02	< 0.03
Reproducibility between run (10 days):	% C.V.	< 2	< 2.5	< 2.5	----	----
	S.D. (mmol/L)	----	----	----	< 0.03	< 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	≤ 5	≤ 5	----	----
Reproducibility between run (10 days):	% C.V.	≤ 5	≤ 5	≤ 5	----	----

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