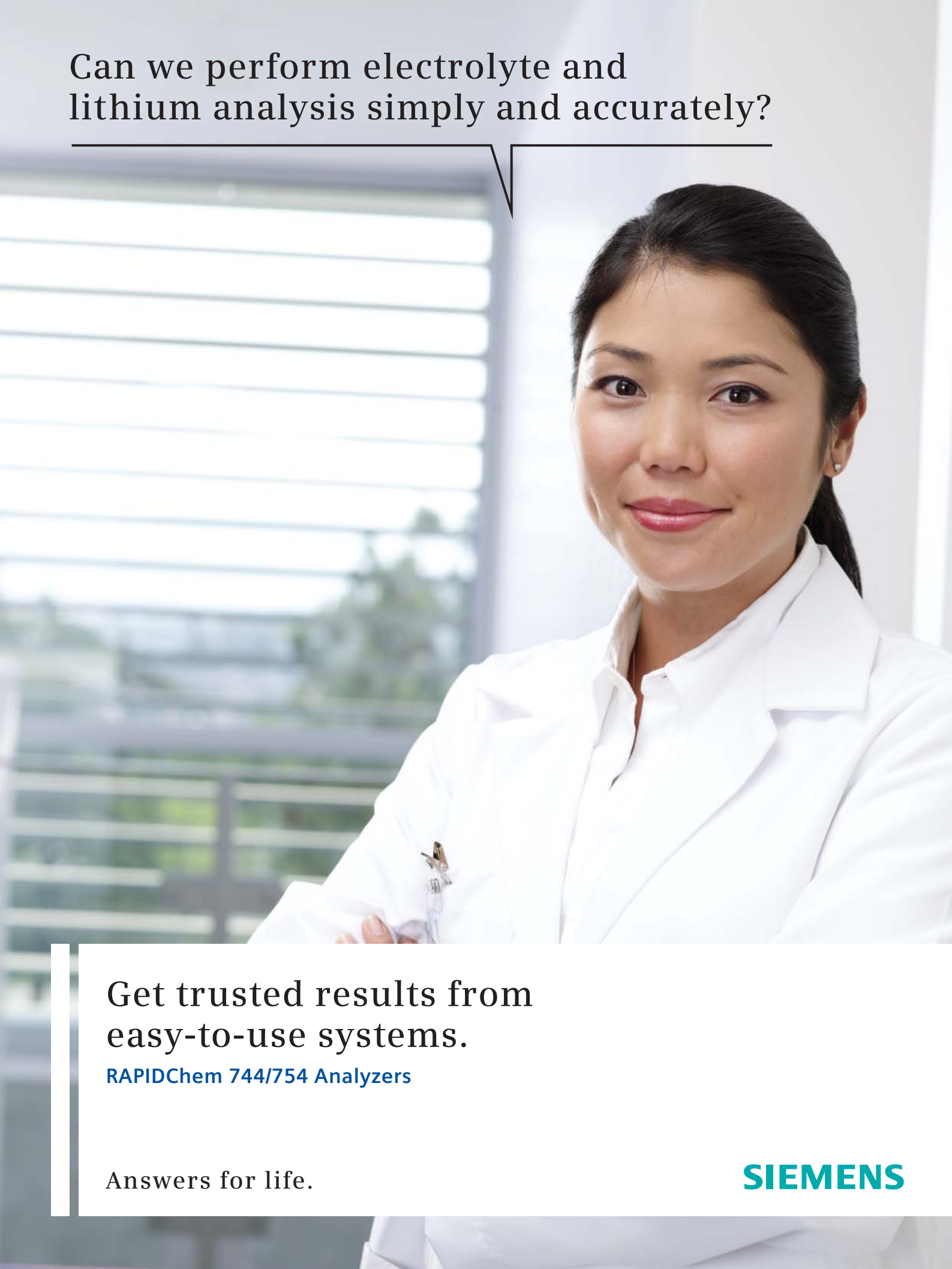


Can we perform electrolyte and lithium analysis simply and accurately?

A woman with dark hair tied back, wearing a white lab coat, stands in front of a window with horizontal blinds. She is looking directly at the camera with a slight smile. A speech bubble tail extends from the text above her head.

Get trusted results from
easy-to-use systems.

[RAPIDChem 744/754 Analyzers](#)

Answers for life.

SIEMENS

Our RAPIDChem 744/754 analyzers deliver fast, accurate results with minimal operator interaction.

RAPIDChem® 744/754 analyzers from Siemens Healthcare Diagnostics are the cost-efficient solution for rapid electrolyte and lithium analysis in busy laboratories and clinics.

Designed to accommodate a variety of specimen types, RAPIDChem 744/754 analyzers generate fast patient results while minimizing operator exposure to biohazards. Fully automated calibrations and continuous performance monitoring systems ensure exceptional levels of analytical precision and reliability.

Simple, Efficient Operation

- Intuitive yes/no prompts for easy operation with minimal operator training
- Results are displayed and printed in seconds
- Ergonomic benchtop design saves lab space

Versatile Sampling Options

- Accurate results from whole blood, plasma, serum and diluted urine samples
- Direct analysis from syringes, micro-capillary tubes and all commonly-used specimen containers without the need for special adapters
- Small sample sizes are ideal for many patient types

Biosafe Operation

- Used calibrants and waste are contained in a closed system for safe and easy disposal
- Self-cleaning sample probe maintains sample integrity and enhances user safety



RAPIDChem 754 System Test Menu

- Li⁺
- Na⁺
- K⁺

RAPIDChem 744 System Test Menu

- Na⁺
- K⁺
- Cl⁻



RAPIDChem 744/754 analyzers perform measurements on a variety of sample types, efficiently.

Convenient Data Management and System Connectivity

- RS-232 port for seamless integration with your LIS/HIS
- On-board QC program calculates and stores monthly QC statistics for easy recall
- Out-of-range patient results are flagged for fast and easy operator reference
- Optional barcode scanner allows easy, error-free entry of patient and operator ID and QC information

Reliable, Low-Maintenance Technology

- Proven long-life sensors maximize analyzer uptime
- Simple, snap-in replacement of self-contained reagent module
- Modular design simplifies access for valve and sensor replacement

For more information, contact your Siemens Healthcare Diagnostics Representative today.

Technical Specifications

Sample Size

Normal	55 µL
Capillary	50 µL
Urine	300 µL

Sample Type

Whole Blood
Plasma/Serum
Diluted Urine

Analysis Time

Serum/Plasma/Blood	35 seconds
Urine	60 seconds (Na ⁺ /K ⁺ /Cl ⁻ only)

Calibration

Automatic or on-demand

Parameter Specifications

Sample Type: Serum, Plasma, Whole Blood

Analyte	Units	Range of Operation
Na ⁺	mmol/L	100 - 200
K ⁺	mmol/L	1.0 - 10.0
Cl ⁻	mmol/L	50 - 150
Li ⁺	mmol/L	0.20 - 3.50

Sample Type: Urine

Analyte	Units	Range of Operation
Na ⁺	mmol/L	10 - 300
K ⁺	mmol/L	2 - 200
Cl ⁻	mmol/L	15 - 400

System Size and Weight

W: 37.0 cm (14.6 in.); D: 18.0 cm (7 in.); H: 32 cm (12.6 in.)
Weight: 7.3 kg. (16 lbs.) (with reagent module)

Power Requirements

Voltage:	100V (85-110V), 120V (102-132V), 230V (187-242V), 240V (204-264V)
Frequency:	50/60 Hz

Environmental

Temperature: 15°C to 32°C

External Interface

RS-232 Port

Data Storage

64 Patient results with Operator ID, Patient ID, Date and Time
QC (up to 31 results for each of 3 levels)

Siemens Healthcare Diagnostics, the leading clinical diagnostics company, is committed to providing clinicians with the vital information they need for the accurate diagnosis, treatment and monitoring of patients. Our comprehensive portfolio of performance-driven systems, unmatched menu offering and IT solutions, in conjunction with highly responsive service, is designed to streamline workflow, enhance operational efficiency and support improved patient care.

RAPIDChem and all associated marks are trademarks of Siemens Healthcare Diagnostics Inc. All other trademarks and brands are the property of their respective owners.

Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

Siemens Global Headquarters

Siemens AG
Wittelsbacherplatz 2
80333 Muenchen
Germany

Global Siemens Healthcare Headquarters

Siemens AG
Healthcare Sector
Henkestrasse 127
91052 Erlangen
Germany
Telephone: +49 9131 84 - 0
www.siemens.com/healthcare

Global Division

Siemens Healthcare Diagnostics Inc.
1717 Deerfield Road
Deerfield, IL 60015-0778
USA
www.siemens.com/diagnostics

www.siemens.com/diagnostics