



## NEW PRODUCT RELEASE

**PRODUCT LIST NUMBER:** 9240

**PRODUCT NAME:** SERUM ISE STANDARD KIT

**INTENDED USE:** The Verichem Serum ISE Standard Kit is an aqueous in vitro diagnostic product. It is intended for calibration or calibration verification of clinical chemistry test systems.

**KIT SIZE:** Five concentration levels, fifteen milliliters each level.

**PRICE:** \$137.00

**SHELF LIFE:** 18 months

### DESCRIPTION

Verichem developed the Serum ISE Standard Kit to meet the range and matrix requirements of large volume analyzers. These standard reference materials may be treated as patient specimens with any wet chemistry ISE or color method.

Verichem's Serum ISE Standard kit is an advanced universal product design for critical evaluation and verification of serum electrolytes, including therapeutic lithium. The matrix is synthetic at pH 7.4 and contains no serum for a more stable and reproducible base. As with all Verichem products, the exclusion of serum in this formulation allows us to provide absolute known concentrations. This ready-to-use product is free of surfactants, glycols, azide and other interfering substances.

Target concentrations are equidistant and meet CLIA requirements for verification material with known values for the determination of clinical test system accuracy, sensitivity, linearity and reportable range. This set is the perfect complement to Verichem's impressive menu of known concentrations having no relation to consensus or assay. Each of these twenty five absolute concentrations is verified using popular clinical methods and available Standard Reference Materials from the National Institute of Standards and Technology (NIST). A lot-specific Certificate of Analysis is included in each kit.

The Serum ISE Standard Kit contains one five-level set with fifteen milliliters each level, product insert, Certificate of Analysis and organizer tray. The fluids are packaged in translucent polyethylene dropper vials and stored at refrigerated temperatures (2° to 8°C). The vials are multiple dose and may be used numerous times until the expiration date on the kit.

<b>ANALYTE</b>	<b>UNITS</b>	<b>LEVEL A</b>	<b>LEVEL B</b>	<b>LEVEL C</b>	<b>LEVEL D</b>	<b>LEVEL E</b>
<b>SODIUM</b>	mmol/L	50.0	87.5	125.0	162.5	200.0
<b>POTASSIUM</b>	mmol/L	1.00	3.25	5.50	7.75	10.00
<b>CHLORIDE</b>	mmol/L	50.0	87.5	125.0	162.5	200.0
<b>LITHIUM</b>	mmol/L	0.20	1.30	2.40	3.50	4.60

This innovative new product complements Verichem's complete line of fluids and software for calibration verification.

### ORDERING INFORMATION:

Fax to (401) 467-1540 or email your order to: [customerservice@verichemlabs.com](mailto:customerservice@verichemlabs.com)

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