
SERVICE ALERT

Date: March 5, 2019
Subject: Manufacturer Recommendation for QC
Instruments Affected: Osmometers

Overview:

We are issuing this alert to communicate our manufacturer recommendation for daily QC.

Impact:

Use of controls from other manufacturers will impact your instrument warranty and may adversely affect system calibration, performance, operation, and accuracy of test results.

Recommended Action:

Use our manufacturer recommended **Protinol Protein-Based Controls** and **Renol Urine Osmolality Controls** to ensure warranty coverage and optimal performance of your Advanced Instruments osmometers when testing serum, plasma, and urine osmolality. For the most confidence in your test results, Advanced Instruments recommends testing three levels of Protinol (low, normal, and high), two levels of Renol (low and high), and Clinitol 290 Reference Solution at least daily to verify osmometer performance.

Product Information:

Protinol is intended for use by laboratories testing serum and plasma osmolality. It comes premixed in 3-mL vials and is formulated at three clinically relevant levels: 240, 280, and 320 mOsm/kg H₂O. For more information about **Protinol**, Part # 3MA028, please visit the [Protinol Product Page](#) on our website.

Renol is intended for use by laboratories testing urine osmolality. It comes premixed in 3-mL vials and is formulated at two clinically relevant levels: 300 and 800 mOsm/kg H₂O. For more information on Renol, Part # 3LA085, please visit the [Renol Product Page](#) on our website.

Protinol and **Renol** are manufactured to tight tolerances so you can quickly spot shifts in instrument performance. They are formulated at clinically relevant levels to meet CAP and CLIA guidelines. They are liquid and ready-to-use, to avoid spending valuable time thawing or reconstituting.

Please contact us by email at quality@aicompanies.com or phone at 781-471-2160 if you have any questions regarding this service alert. To request a quote for Protinol and Renol, please visit aicompanies.com/protinol-renol-quote.

Sincerely,



Mark Boyle
Advanced Instruments, LLC
Director, Quality Assurance & Regulatory Affairs