
SERVICE ALERT

Date: March 3, 2020
Subject: Manufacturer Recommendation for QC
Instruments Affected: Osmometers

Overview:

We are issuing this service alert to ensure customer awareness of manufacturer recommendations for serum and urine QC.

Impact:

Internal [quality testing](#) has shown third-party controls may fail to detect when an osmometer is out of calibration. Controls with broad osmolality specifications may fail to detect shifts in instrument performance adversely affecting the accuracy of test results. Use of serum and urine controls from other manufacturers may adversely affect system calibration, performance, and operation.

Recommended Action:

Use our manufacturer recommended **Protinol™ Protein-Based Controls** and **Renol™ Urine Osmolality Controls** to ensure optimal performance when testing serum, plasma, and urine osmolality.

Clinical laboratories testing **Protinol** and **Renol** can access the **AdvancedQC™** peer group. Users can quickly spot shifts in performance and compare QC data to other laboratories in real-time and on a monthly basis. Clinical laboratories currently testing **Protinol** and **Renol** can [register for AdvancedQC](#) on our website.

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 regulatory guidelines. They are liquid and ready-to-use, to avoid spending valuable time thawing or reconstituting.

For a quote or assistance transitioning your lab to Protinol and Renol please contact your local Advanced Instruments distributor: [Find My Advanced Instruments Distributor](#)

Sincerely,



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