

Biotech Clinical Laboratory Technical Bulletin

Effective May 15, 2019

Biotech Clinical Laboratory will switch the following test for Urine Chemistries from Abbott Architect Analyzer to a new **BeckmanCoulter AU680** Analyzer. This will provide opportunity to stay on a cutting edge of clinical laboratory technology and improve analytical performance. Notice slight reference ranges change for some analytes.

Urine Magnesium will be reported in different units.

Urine Test name	Old Ranges	New Ranges
Amylase	1 - 27 IU/24h	5 - 27I U/24 h
Sodium	40 - 220 mEq/24h	same
Potassium	25 - 125 nEq/h	same
Chloride	110 - 250 mEq/24h	same
Calcium	50 - 275 mg/24h	100 - 300 mg/24h
Magnesium	1 -24 mEq/24h	24 -250 mg/24h
Phosphorus	0.4 - 1.3 g/24h	0.3 -1.3 g/24h
Creatinine	0.8 - 1.8 g/24h	same
BUN	6 - 17 g/24h	same
Uric Acid	250 - 750 mg/24h	same
Microalbumin	<21 mg/24h	<30 mg/24h
Total Protein	28 – 141 mg/24h	50 -80 mg/24h

Reference ranges for Random Urine Tests will stay the same.

For additional information or any questions about this change please contact Technical Director Dr. E.Dvorin at 248-912-1700 or by e-mail edvorin@biotechclinical.com.