



A Member of Cayuga Health System

Laboratory Technical Bulletin

Date: 5/5/21

Go-Live Date: May 5, 2021

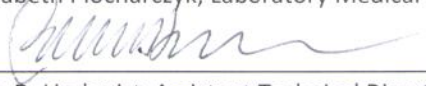
Title: Osmolality Testing will start in Main Lab CMC again!

Test: Serum and Urine Osmo

Explanation of change: A new instrument has been purchased and validated. Serum and Urine Osmolality testing will be offered in-house beginning May 5, 2021.

	Old	New
<i>Perform Site</i>	Mayo Clinic Labs	CMC Lab
<i>Method</i>	Freezing Point Depression	Freezing Point Depression
<i>Test Code</i>		OSM, RUOSM
<i>Reference Range</i>	<u>Serum</u> : 275-295mOsm/kg <u>Urine, Random</u> 0-11 months: 50-750 mOsm/kg ≥12 months: 150-1150 mOsm/kg	<u>Serum</u> : 275-295 mOsm/kg <u>Urine, Random</u> : < 1 year old: 50-750 mOsm/kg ≥ 1 year old: 150-1150 mOsm/kg
<i>Critical Limits</i>		Serum Osmo: <240 mOsm/kg >335 mOsm/kg
<i>Specimen and Volume Required</i>	Serum: SST 6 mLs Urine: Urine cup 10mLs	No change
<i>Turnaround time</i>	1-3 days	Monday through Sunday; Continuously


 _____ Date 05/05/21
 Dr. Elizabeth Plocharczyk, Laboratory Medical Director


 _____ Date 5/5/21
 Patricia D. Lindquist, Assistant Technical Director