

LAB420 Osmolality, Random Urine

BMC

Performing Location(s)

BMC

Specimen Type

Random Urine

Preferred Container

Random Urine Tube

Minimum Volume to Submit for Testing

5.0 mL Urine

Multiple test can be performed from this volume.

For question please contact the lab at 547-3975.

Storage Requirements

Specimen not delivered to the laboratory within 1 hour should be refrigerated.

Transportation Needs

Deliver specimen to the laboratory within 1 hour of collection.

Causes for Rejection

Mislabeled or unlabeled specimen

Collection with preservatives Uncapped

Sample > 24 hours refrigerated

Sample > 12 hours room temperature

No Add-ons > 24 hours after receipt at MIB

Reference Values

Population	Units	Reference Range
All Populations	mOsm/kg	50-1200
Note: Depends on Fluid Intake		

Additional Information

Testing should occur as soon as possible and not > 24 hours after receipt at MIB

Can NOT add-on osmolality after aliquot has been opened and re-capped after 12 hours due to sensitivity to evaporation.

Available STAT

No

Methodology

Freezing Point Depression

CPT Code

83935