

LAB3539 Osmolality, 24 Hour Urine

BMC

Performing Location(s)

BMC

Specimen Type

24 Hour Urine

Preferred Container

24 Hour Urine Container with No Preservative

Volume Required

Entire collection

Transportation Needs

Deliver specimen to the laboratory at the end of collection.

If transportation is expected to exceed 1 hour, provisions must be made to keep the urine chilled must be delivered within 24 hrs of end of collection.

Storage Requirements

Keep urine refrigerated during the collection period and, if delivery to lab is expected to exceed 1 hour, provisions must be made to keep the urine chilled.

Causes for Rejection

Mislabeled or unlabeled specimen

Collected with preservative

> 24 hours refrigerated after end of collection

Sample > 12 hours room temperature

No Add-ons > 24 hours after receipt at MIB

Reference Values

Population	Units	Reference Range
All Populations	mOsm/kg	300-900

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

Beckman AU/Dx Series

CPT Code
83935