

Osmolality, Serum

CPT Code: 83930

Order Code: C1304

ABN Requirement: No

Specimen: Serum

Volume: 1.0 mL

Minimum Volume: 0.5 mL

Container: Gel-barrier tube (SST, Tiger Top)

Collection:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 10 times immediately after draw. DO NOT SHAKE.
3. Allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.

Transport: Store serum at 2°C to 8°C after collection and ship the same day per packaging instructions included with the provided shipping box.

Stability:

Ambient (15-25°C): 4 days

Refrigerated (2-8°C): 5 days

Frozen (-20°C): 14 days

Causes for Rejection: Specimens other than serum; improper labeling; samples not stored properly; samples older than stability limits; gross icterus; gross hemolysis; gross lipemia

Methodology: Freezing Point Depression

Turn Around Time: 3-4 days

Reference Range:

Age	mOsm/kg
All Ages	278-305

Clinical Significance: Serum osmolality is increased in hypernatremia,

hyperglycemia, uremia, ethanol, methanol, or ethylene glycol overdoses, and in diabetes insipidus.

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.