

Osmolality, 24 Hour, Urine

Test ID: OSM24

Useful for:

Assessing the concentrating and diluting ability of the kidney using a 24-hour urine collection.

Method:

Freezing Point Depression

Reference Values:

0-11 months: 50-750 mOsm/kg

> or =12 months: 150-1,150 mOsm/kg

Necessary Information: 24-Hour volume (in milliliters) is required.

Specimen Requirements:

Supplies:

- Diazolidinyl Urea (Germall), 5.0 mL (T822)
- Urine Tube, 10 mL (T068)

Collection Container/Tube: 24-hour graduated urine container with no metal cap or glued insert

Specimen Volume: 10 mL

Collection Instructions:

1. Collect urine for 24 hours
2. Add 5 mL of diazolidinyl urea as preservative at start of collection or refrigerate specimen during and after collection.

Minimum Volume: 1 mL

Specimen Stability Information:

| Specimen Type | Temperature | Time |
|---------------|-------------------------|----------|
| Urine | Refrigerate (preferred) | 14 days |
| | Ambient | 72 hours |
| | Frozen | 14 days |

CPT Code:

83935

Day(s) Performed: Monday through Sunday

Report Available: Same day/1 day

Questions

Contact Nancy Benson, Laboratory Resource Coordinator at 800-533-1710.