

# Ionized Calcium

## Updated specimen requirements



June 11, 2025

Effective June 30, 2025, the specimen requirements for Ionized Calcium testing will be updated for Nebraska Methodist Hospital and Methodist Women's Hospital.

No modifications have been made to the testing platform or methodology. Reference intervals and critical thresholds remain unchanged.

**Test:** Ionized Calcium

**Specimen Requirements (updated):** Lithium Heparin Whole Blood (Unopened)

**Unacceptable Sample Type (updated):** Serum and Plasma

**Sample Stability:** 4 hours at Room Temperature  
30 hours Refrigerated at 2-8°C

**Test Performed:** 24 hours a day/7 days a week

**Reference Interval (unchanged):** 1.14 - 1.29 mmol/L (Venous)

**Critical (unchanged):** <0.80 mmol/L or >1.60 mmol/L

Please direct any questions to:

Methodist Pathology Client Services at 402-354-4541 or 1-888-432-8980