

HOTLINE: Effective February 22, 2022

0070416

C-Telopeptide, Beta-Cross-Linked, Serum

CTX

**Specimen Required:** Patient Prep: Fasting specimen preferred.

Collect: Serum separator tube, Lavender (K<sub>2</sub> EDTA or K<sub>3</sub> EDTA), Pink (K<sub>2</sub> EDTA), or Green (lithium heparin). A morning specimen is preferred.

Specimen Preparation: Allow serum separator tube to sit for 15-20 minutes at room temperature for proper clot formation. Centrifuge and separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.5 mL)

Storage/Transport Temperature: Frozen.

Unacceptable Conditions: Hemolyzed specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 4 hours; Refrigerated: 8 hours; Frozen: 3 months

**Reference Interval:**

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Age	Female	Male
6 months-6 years	500-1800 pg/mL	500-1700 pg/mL
7-9 years	566-1690 pg/mL	522-1682 pg/mL
10-12 years	503-2077 pg/mL	553-2071 pg/mL
13-15 years	160-1590 pg/mL	485-2468 pg/mL
16-17 years	167-933 pg/mL	276-1546 pg/mL
18-29 years		87-1200 pg/mL
30-39 years		70-780 pg/mL
40-49 years		60-700 pg/mL
50-69 years		40-840 pg/mL
70 years or greater		52-847 pg/mL
Premenopausal	25-573 pg/mL	
Postmenopausal	104-1008 pg/mL	