

C-
TELOPEPTIDE,
PLASMA

Orderable - CTELO

Turn Around Time: 5-7 days

Alternate Name(s):

Beta Crosslaps
β-CTX
C-Telo

Specimen:

Adult	Pediatric
4 mL Lavender top Vacutainer tube	0-2 years: 0.5 mL Lavender top Microtainer 2-10 years: 2 mL Lavender top Vacutainer tube
Red, Gold, or Light Green (Li-heparin) top tubes are also acceptable as long as the serum or plasma is analyzed or frozen within a few hours of collection; EDTA plasma is the preferred choice due to the greater stability of C-telopeptide in EDTA plasma	
It is recommended for morning samples from fasting patients to be collected for this test	

Collection Information:

Minimum volume of plasma or serum required is 700 µL for adult samples or 200 µL for pediatric samples.

Reference Ranges:

Male	
30 - 50 years:	≤ 584 ng/L
50 - 70 years:	≤ 704 ng/L
> 70 years:	≤ 854 ng/L



Laboratory:
Core Lab



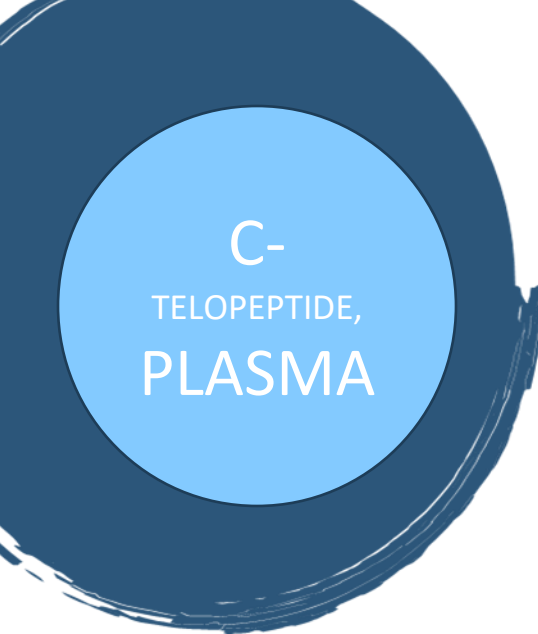
Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Roche
Electrochemiluminescence



Test Schedule:
Thursday afternoons



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Female	
Pre-menopausal:	≤ 573 ng/L
Post-Menopausal:	104 - 1008 ng/L

Interpretive Comments:

Increased levels of C-telopeptide occur in osteoporosis, Paget's disease, primary hyperparathyroidism, renal insufficiency, and bone metastases.

Storage and Shipment:

Store and ship plasma or serum frozen.