

Human Cross-linked Carboxy-terminal telopeptide of type I collagen, CTX-I ELISA Kit | CTX-I elisa kit

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CATALOG # AAA14991	REACTIVITY Human
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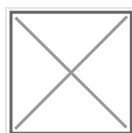
PRODUCT SYNONYMS

Cross-linked Carboxy-terminal telopeptide of type I collagen; CTX-I; Human Cross-linked Carboxy-terminal telopeptide of type I collagen; CTX-I ELISA Kit; Human Cross-linked Carboxy-terminal telopeptide of type I collagen; Cross-linked Carboxy-terminal telopeptide of type I collagen; CTX-I elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CTX-I. No significant cross-reactivity or interference between human CTX-I and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	< 0.156 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTX-I elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CTX-I has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CTX-I present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CTX-I is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CTX-I bound in the initial step. The color development is stopped and the intensity of the color is measured.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

