

Human bCTx (Beta-Crosslaps) ELISA Kit | bCTx elisa kit

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CATALOG #
AAA270204

REACTIVITY
Human

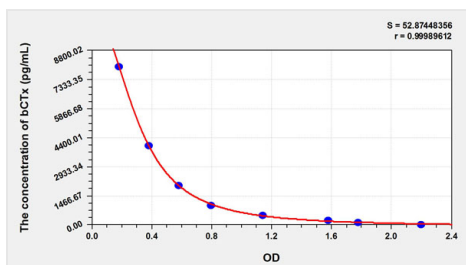
PRODUCT SYNONYMS

bCTx (Beta-Crosslaps); Human bCTx (Beta-Crosslaps) ELISA Kit; Beta CTx; b-CTx; bCTXI; bCTX-I; B-Cr; BCL; Type I Collagen C-Telopeptide-Related Fraction; bCTx elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Competitive
Detection Range	125-8000 pg/mL
Sensitivity	37.64 pg/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for bCTx elisa kit

Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Beta-Crosslaps(bCTx) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Beta-Crosslaps(bCTx). Next,Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Beta-Crosslaps(bCTx) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for bCTx elisa kit

[Bone metabolism](#)

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/bctx-beta-crosslaps/270204>