

Human beta-CTx ELISA Kit | beta-CTx elisa kit

Human beta-CTx(Beta Crosslaps)ELISA Kit

CATALOG #
AAA21907

REACTIVITY
Human

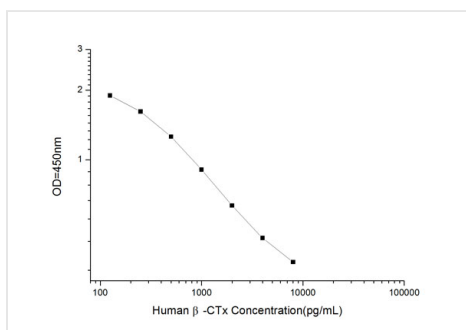
PRODUCT SYNONYMS

beta-CTx; Human beta-CTx(Beta Crosslaps)ELISA Kit; beta-CTx elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human beta-CTx in samples. No significant cross-reactivity or interference between Human beta-CTx and analogues was observed.
Sequence Length	175
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	125-8000pg/mL
Sensitivity	75pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human beta-CTx were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human beta-CTx were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for beta-CTx elisa kit	Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human beta-CTx. During the reaction, Human beta-CTx in the sample or standard competes with a fixed amount of Human beta-CTx on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human beta-CTx. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of Human beta-CTx in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human beta-CTx concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	345133085
Molecular Weight	18,387 Da
NCBI Official Full Name	beta lactamase CTX M-15, partial
UniProt Protein Name	Beta-lactamase
UniProt Gene Name	CTX M-15
UniProt Entry Name	G3ESI4_9ENTR

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/beta-ctx/21907>