

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

Rat beta-CTx(Beta Crosslaps)ELISA Kit

CATALOG #
AAA21902

REACTIVITY
Rat

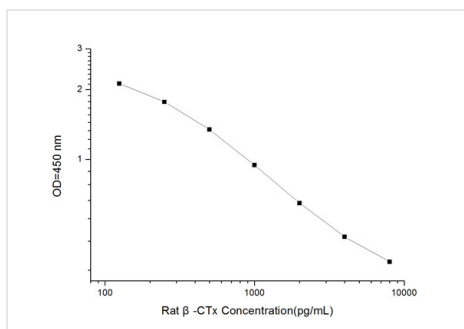
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat beta-CTx. No significant cross-reactivity or interference between Rat beta-CTx and analogues was observed.
Sequence Length	175
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	125-8000pg/mL
Sensitivity	Min: 75pg/mL; Max: 8000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for beta-CTx elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat beta-CTx concentrations in serum, plasma and other biological fluids.

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with beta-CTx. During the reaction, beta-CTx in the sample or standard competes with a fixed amount of beta-CTx on the solid phase supporter for sites on the Biotinylated Detection Ab specific to beta-CTx. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is 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 a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of beta-CTx in the samples is then determined by comparing the OD of the samples to the standard curve.

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/rat-elisa-kits/beta-ctx/21902>