

Human CTX-III ELISA Kit | CTX-III elisa kit

Human CTX-III (Cross Linked C-telopeptide of Type III Collagen) ELISA Kit

CATALOG #
AAA164088

REACTIVITY
Human

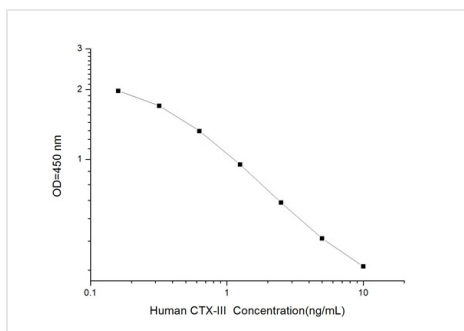
PRODUCT SYNONYMS

CTX-III; Human CTX-III (Cross Linked C-telopeptide of Type III Collagen) ELISA Kit; CTX-III elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CTX-III. No significant cross-reactivity or interference between Human CTX-III and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human CTX-III and all the analogues, therefore, cross reaction may still exist.
Sequence Length	81
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTX-III elisa kit	Description: The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of CTX-III in human 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 Human CTX-III. During the reaction, Human CTX-III in the sample or standard competes with a fixed amount of Human CTX-III on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human CTX-III. 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 Human CTX-III in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41688806
Molecular Weight	9,038 Da
NCBI Official Full Name	Cytotoxin 3
UniProt Protein Name	Cytotoxin 3
UniProt Entry Name	3SA3_NAJAT

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/ctx-iii/164088>