

Porcine CTXI ELISA Kit | CTXI elisa kit

Porcine CTXI (Cross Linked C-telopeptide of Type I Collagen) ELISA Kit

CATALOG #
AAA164060

REACTIVITY
Porcine

PRODUCT SYNONYMS

CTXI; Porcine CTXI (Cross Linked C-telopeptide of Type I Collagen) ELISA Kit; CTXI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This kit recognizes natural and recombinant Porcine CTXI. No significant cross-reactivity or interference between Porcine CTXI and analogues was observed.
Sequence Length	60
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL ; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for CTXI elisa kit

Intended Uses: This ELISA kit applies to the invitro quantitative determination of Porcine CTXI concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CTXI. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CTXI and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CTXI, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of CTXI. You can calculate the concentration of CTXI in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157834740
NCBI Official Full Name	Chain A, Structure Of Cobra Cardiotoxin Ctxi As Derived From Nuclear Magnetic Resonance Spectroscopy And Distance Geometry Calculations

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.