Bovine Cross Linked C-Telopeptide Of Type I Collagen (CTX-I) ELISA Kit | CTX-I elisa kit

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CATALOG #	REACTIVITY
AAA22715	**Bovine**

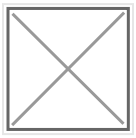
PRODUCT SYNONYMS

Cross Linked C-Telopeptide Of Type I Collagen (CTX-I); Bovine Cross Linked C-Telopeptide Of Type I Collagen (CTX-I) ELISA Kit; CTX-I elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	No cross-reaction with other factors.
Sequence Length	81
Assay Type	Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTX-I elisa kit	Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Bovine CTX-I monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	41688809
Molecular Weight	8,992 Da
NCBI Official Full Name	Cytotoxin 1

UniProt Protein Name	Cytotoxin 1
UniProt Gene Name	**CTX I**
UniProt Synonym Gene Names	CTX I
UniProt Entry Name	3SA1_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/bovine-ovine-elisa-kits/cross-linked-c-telopeptide-of-type-i-collagen-ctx-i/22715