

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

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CATALOG # AAA180226	REACTIVITY Rabbit
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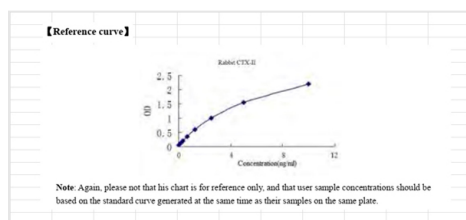
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Sequence Length	1487
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-II 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-Rabbit CTX-II 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124056489
NCBI GeneID	1280
Molecular Weight	29,781 Da

NCBI Official Full Name	Collagen alpha-1(II) chain
NCBI Official Synonym Full Names	collagen, type II, alpha 1
NCBI Official Symbol	COL2A1
NCBI Official Synonym Symbols	AOM; ANFH; SEDC; STL1; COL11A3
NCBI Protein Information	collagen alpha-1(II) chain; collagen alpha-1(II) chain; chondrocalcin; cartilage collagen; alpha-1 type II collagen; collagen II, alpha-1 polypeptide; arthroophthalmopathy, progressive (Stickler syndrome)
UniProt Protein Name	Collagen alpha-1(II) chain
UniProt Gene Name	COL2A1
UniProt Entry Name	CO2A1_HUMAN

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/rabbit-elisa-kits/cross-linked-c-telopeptide-of-type-ii-collagen-ctx-ii/180226>