

Mouse Collagen alpha-1(X) chain ELISA Kit | Col10a1 elisa kit

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CATALOG #
AAA192901

REACTIVITY
Mouse

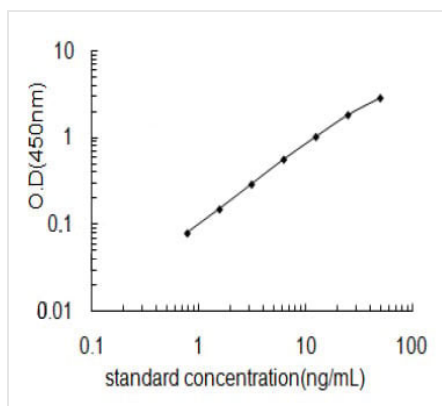
PRODUCT SYNONYMS

Collagen alpha-1(X) chain; Mouse Collagen alpha-1(X) chain ELISA Kit; Col10a1; Col10a1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Collagen alpha-1(X) chain
Sequence Length	680
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	<0.47ng/mL
Intra-assay Precision	<=5.6%
Inter-assay Precision	<=8.4%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Col10a1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 target antigen 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 #	6753480
NCBI GeneID	12813
NCBI Accession #	NP_034055.1
NCBI GenBank Nucleotide #	NM_009925.4
UniProt Accession #	Q05306
Molecular Weight	66,775 Da
NCBI Official Full Name	collagen alpha-1(X) chain
NCBI Official Synonym Full Names	collagen, type X, alpha 1
NCBI Official Symbol	Col10a1
NCBI Official Synonym Symbols	Col10; Col10a-1
NCBI Protein Information	collagen alpha-1(X) chain
UniProt Protein Name	Collagen alpha-1(X) chain
UniProt Gene Name	Col10a1
UniProt Entry Name	COAA1_MOUSE

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/col10a1-mouse-elisa-kits/collagen-alpha-1-x-chain/192901>