

Mouse COL3a1 (Collagen Type III Alpha 1) ELISA Kit | COL3a1 elisa kit

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CATALOG #
AAA278643

REACTIVITY
Mouse

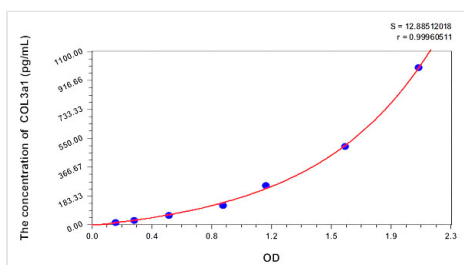
PRODUCT SYNONYMS

COL3a1 (Collagen Type III Alpha 1); Mouse COL3a1 (Collagen Type III Alpha 1) ELISA Kit; COL3-A1; COL3A1; EDS4A; Collagen Type III Alpha 1; Ehlers-Danlos Syndrome Type IV Autosomal Dominant; Collagen Alpha-1(III)chain; COL3a1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids.
Detection Range	0.78-50ng/mL
Sensitivity	0.16ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COL3a1 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse COL3a1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse COL3a1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse COL3a1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mouse COL3a1 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for COL3a1 elisa kit

[Metabolic pathway](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	226423933
NCBI GeneID	12825

NCBI Accession #	NP_034060.2
NCBI GenBank Nucleotide #	NM_009930.2
UniProt Accession #	P08121; Q61429; Q9CRN7
Molecular Weight	MW: 300 kDa
NCBI Official Full Name	collagen alpha-1(III) chain
NCBI Official Synonym Full Names	collagen, type III, alpha 1
NCBI Official Symbol	Col3a1
NCBI Official Synonym Symbols	Ms10w; Col3a-1; MMS10-W; AW550625; mKIAA4231
NCBI Protein Information	collagen alpha-1(III) chain; collagen alpha-1(III) chain; procollagen, type III, alpha 1; minisatellite 10w detected by probe MMS10
UniProt Protein Name	Collagen alpha-1(III) chain
UniProt Gene Name	Col3a1
UniProt Entry Name	CO3A1_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://www.aaabiotech.com/mouse-elisa-kits/col3a1-collagen-type-iii-alpha-1/278643>