

Human Collagen alpha-3(IX) chain ELISA Kit | COL9A3 elisa kit

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CATALOG #
AAA193783

REACTIVITY
Human

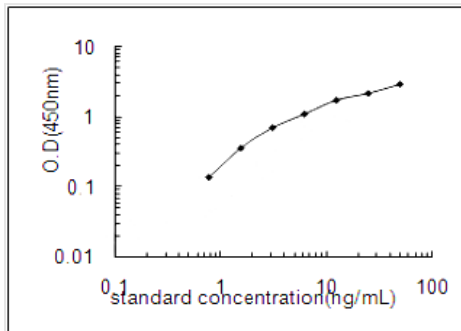
PRODUCT SYNONYMS

Collagen alpha-3(IX) chain; Human Collagen alpha-3(IX) chain ELISA Kit; COL9A3; COL9A3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	684
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Intra-Assay CV	<=4.9%
Inter-Assay CV	<=9.6%
Recovery	102%
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 COL9A3 elisa kit

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 $\pm$ 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.

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119508426
NCBI GeneID	1299
NCBI Accession #	NP_001844.3
NCBI GenBank Nucleotide #	NM_001853.3
UniProt Accession #	Q14050; Q13681; Q9H4G9; Q9UPE2
Molecular Weight	63,616 Da
NCBI Official Full Name	collagen alpha-3(IX) chain
NCBI Official Synonym Full Names	collagen type IX alpha 3
NCBI Official Symbol	COL9A3
NCBI Official Synonym Symbols	IDD; MED; EDM3; DJ885L7.4.1
NCBI Protein Information	collagen alpha-3(IX) chain
UniProt Protein Name	Collagen alpha-3(IX) chain
UniProt Gene Name	COL9A3
UniProt Entry Name	CO9A3_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/col9a3-human-elisa-kits/collagen-alpha-3-ix-chain/193783>