

Human COL4A4/Collagen alpha-4(IV) Chain ELISA Kit | COL4A4 elisa kit

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CATALOG #
AAA196890

REACTIVITY
Human

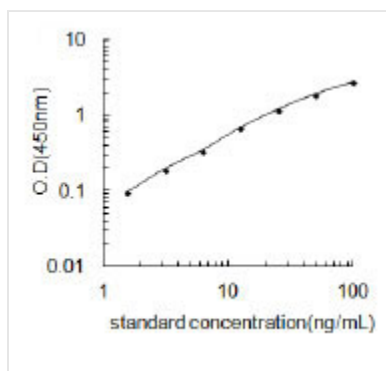
PRODUCT SYNONYMS

COL4A4/Collagen alpha-4(IV) Chain; Human COL4A4/Collagen alpha-4(IV) Chain ELISA Kit; Collagen alpha-4(IV) chain; COL4A4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Rat Heme oxygenase 2,HO-2
Sequence Length	1690
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids
Detection Range	1.56 U/L-100 U/L
Sensitivity	<0.78 U/L
Intra-assay Precision	Intra-Assay CV: <=5.1%
Inter-assay Precision	Inter-Assay CV: <=9.6%
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 COL4A4 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 #	116256356
NCBI GeneID	1286
NCBI Accession #	NP_000083.3
NCBI GenBank Nucleotide #	NM_000092.4
UniProt Accession #	P53420
NCBI Official Full Name	collagen alpha-4(IV) chain
NCBI Official Synonym Full Names	collagen type IV alpha 4 chain
NCBI Official Symbol	COL4A4
NCBI Official Synonym Symbols	BFH; ATS2; CA44
NCBI Protein Information	collagen alpha-4(IV) chain
UniProt Protein Name	Collagen alpha-4(IV) chain
UniProt Gene Name	COL4A4
UniProt Entry Name	CO4A4_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.