

Human COL7 ELISA Kit | COL7 elisa kit

Human COL7 (Collagen Type VII) ELISA Kit

CATALOG #
AAA164442

REACTIVITY
Human

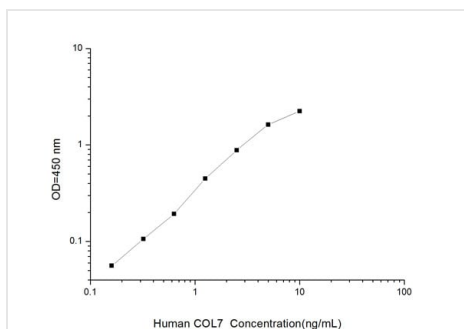
PRODUCT SYNONYMS

COL7; Human COL7 (Collagen Type VII) ELISA Kit; COL7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human COL7. No significant cross-reactivity or interference between Human COL7 and analogues was observed.
Sequence Length	2944
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COL7 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanCOL7concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to COL7. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for COL7and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain COL7, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of COL7.You can calculate the concentration of COL7in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115647999
NCBI GeneID	12836
NCBI Accession #	NP_031764.2
NCBI GenBank Nucleotide #	NM_007738.3
UniProt Accession #	Q63870; Q78EC6
Molecular Weight	295,232 Da
NCBI Official Full Name	collagen alpha-1(VII) chain
NCBI Official Synonym Full Names	collagen, type VII, alpha 1
NCBI Official Symbol	Col7a1
NCBI Official Synonym Symbols	AW209154
NCBI Protein Information	collagen alpha-1(VII) chain; collagen alpha-1(VII) chain; LC collagen; col7a1; long-chain collagen; procollagen, type VII, alpha 1
UniProt Protein Name	Collagen alpha-1(VII) chain
UniProt Gene Name	Col7a1
UniProt Synonym Gene Names	LC collagen
UniProt Entry Name	CO7A1_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.