

Human COL14 ELISA Kit | COL14 elisa kit

Human COL14 (Collagen Type XIV) ELISA Kit

CATALOG #
AAA163460

REACTIVITY
Human

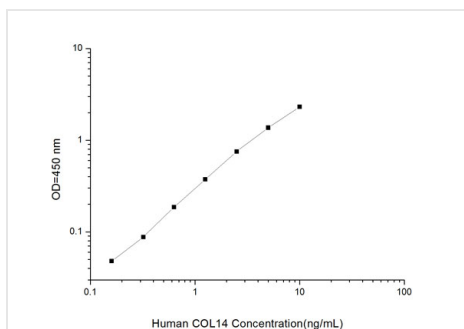
PRODUCT SYNONYMS

COL14; Human COL14 (Collagen Type XIV) ELISA Kit; COL14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and some recombinant Human COL14. No significant crossreactivity or interference between Human COL14 and analogues was observed.
Sequence Length	1888
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 COL14 elisa kit	Intended Uses: This ELISA kit can be applied to the in vitro quantitative determination of Human COL14 concentrations 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 precoated with an antibody specific to Human COL14. Standards or samples are added to appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibodies specific for Human COL14 and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well successively and incubated. After incubation, free components are washed away. Then the Substrate Reagent is added to each well, only those wells that contain Human COL14, biotinylated detection antibody and Avidin- HRP conjugate will appear blue in color. The enzyme-substrate reaction will be terminated by adding Stop Solution and appears yellow in color. The optical density (OD) can be measured with spectrophotometry at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human COL14. The concentration of Human COL14 in samples can be calculated by comparing the OD of the samples with the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45384490
NCBI GeneID	396276
NCBI Accession #	NP_990665.1
NCBI GenBank Nucleotide #	NM_205334.1
UniProt Accession #	P32018; Q6LBL0
Molecular Weight	202,668 Da
NCBI Official Full Name	collagen alpha-1(XIV) chain
NCBI Official Synonym Full Names	collagen, type XIV, alpha 1
NCBI Official Symbol	COL14A1
NCBI Official Synonym Symbols	COL14
NCBI Protein Information	collagen alpha-1(XIV) chain; collagen alpha-1(XIV) chain; alpha1 (XIV) collagen; collagen XIV; collagen type XIV; collagen type XIV/undulin; collagen, type XIV, alpha 1 (undulin)
UniProt Protein Name	Collagen alpha-1(XIV) chain
UniProt Gene Name	COL14A1
UniProt Entry Name	COEA1_CHICK

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.