

Human Collagen Type IV Alpha 3 (COL4a3) ELISA Kit | COL4a3 elisa kit

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CATALOG #
AAA44304

REACTIVITY
Human

PRODUCT SYNONYMS

Collagen Type IV Alpha 3 (COL4a3); Human Collagen Type IV Alpha 3 (COL4a3) ELISA Kit; COL4a3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	199
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 70ng/ml
Sensitivity	0.12ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COL4a3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Collagen Type IV Alpha 3 (also known as COL4a3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human COL4a3 antibody. COL4a3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human COL4a3 Antibody is added and binds to COL4a3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated COL4a3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human COL4a3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	409107
NCBI GeneID	1285
Molecular Weight	158,336 Da
NCBI Official Full Name	collagen type IV alpha 3, partial
NCBI Official Synonym Full Names	collagen type IV alpha 3 chain
NCBI Official Symbol	COL4A3
NCBI Protein Information	collagen alpha-3(IV) chain
UniProt Protein Name	Collagen alpha-3(IV) chain
UniProt Gene Name	COL4A3

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/human-elisa-kits/collagen-type-iv-alpha-3-col4a3/44304>