

Human Collagen alpha-1 (X) chain (COL10A1) ELISA Kit | COL10A1 elisa kit

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CATALOG #
AAA44089

REACTIVITY
Human

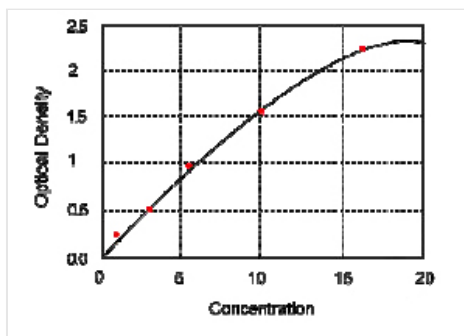
PRODUCT SYNONYMS

Collagen alpha-1 (X) chain (COL10A1); Human Collagen alpha-1 (X) chain (COL10A1) ELISA Kit; COL10A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.055ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 COL10A1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Collagen Alpha-1(X) Chain (also known as COL10A1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human COL10A1 antibody. COL10A1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human COL10A1 Antibody is added and binds to COL10A1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated COL10A1 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 COL10A1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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-alpha-1-x-chain-col10a1/44089>