

Human Collagen, type III, alpha 1, COL3A1 ELISA Kit | COL3A1 elisa kit

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CATALOG #
AAA43751

REACTIVITY
Human

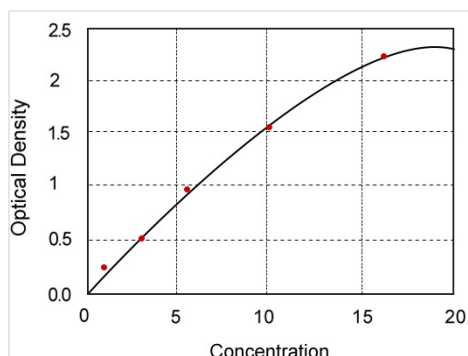
PRODUCT SYNONYMS

Collagen; type III; alpha 1; COL3A1; Human Collagen; COL3A1 ELISA Kit; COL3A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1466
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.01nmol/ml - 4nmol/ml
Sensitivity	0.0051nmol/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 COL3A1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Non-esterified Fatty Acid (also known as NEFA) 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 NEFA antibody. NEFA present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human NEFA Antibody is added and binds to NEFA in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NEFA 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 NEFA. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502951
NCBI GeneID	1281
NCBI Accession #	NP_000081.1
NCBI GenBank Nucleotide #	NM_000090.3
UniProt Accession #	P02461; P78429; Q15112; Q16403; Q53S91; Q541P8; Q6LDB3; Q6LDJ2; Q6LDJ3; Q7KZ56; D2JYH5; D3DPH4
Molecular Weight	111,907 Da
NCBI Official Full Name	collagen alpha-1(III) chain preproprotein
NCBI Official Synonym Full Names	collagen type III alpha 1 chain
NCBI Official Symbol	COL3A1
NCBI Official Synonym Symbols	EDS4A; EDSVASC
NCBI Protein Information	collagen alpha-1(III) chain
UniProt Protein Name	Collagen alpha-1(III) chain
UniProt Gene Name	COL3A1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/collagen-type-iii-alpha-1-col3a1/43751>