

Human collagen, type VI, alpha 3 ELISA Kit | COL6A3 elisa kit

Human Collagen alpha-3 (VI) chain, COL6A3 ELISA Kit

CATALOG #
AAA112861

REACTIVITY
Human

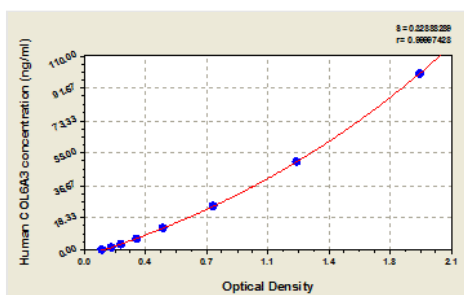
PRODUCT SYNONYMS

collagen; type VI; alpha 3; Human Collagen alpha-3 (VI) chain; COL6A3 ELISA Kit; Human Collagen alpha-3 (VI) chain (COL6A3) ELISA kit; DKFZp686D23123; DKFZp686K04147; DKFZp686N0262; FLJ34702; FLJ98399; OTTHUMP00000202895; alpha 3 type VI collagen; collagen VI; alpha-3 polypeptide; collagen alpha-3 (VI) chain; COL6A3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human COL6A3. No significant cross-reactivity or interference between human COL6A3 and analogues was observed.
Sequence Length	3,177
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	1.56 ng/ml-100 ng/ml
Sensitivity	< 0.39 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for COL6A3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for COL6A3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any COL6A3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for COL6A3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of COL6A3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	55743098
NCBI GeneID	1293
NCBI Accession #	NP_004360.2
NCBI GenBank Nucleotide #	NM_004369.3
UniProt Accession #	P12111; Q16501; Q53QF4; Q53QF6; A8MT30; B4E3U5; B7ZMJ7; E9PFQ6; E9PGQ9
Molecular Weight	343,669 Da
NCBI Official Full Name	collagen alpha-3(VI) chain isoform 1
NCBI Official Synonym Full Names	collagen, type VI, alpha 3
NCBI Official Symbol	COL6A3
NCBI Protein Information	collagen alpha-3(VI) chain; collagen alpha-3(VI) chain; collagen VI, alpha-3 polypeptide
UniProt Protein Name	Collagen alpha-3(VI) chain
UniProt Gene Name	COL6A3
UniProt Entry Name	CO6A3_HUMAN

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/col6a3-human-elisa-kits/collagen-type-vi-alpha-3/112861>