

Human Collagen Type V Alpha 2 (COL5a2) RTU ELISA Kit | COL5a2 rtu elisa kit

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CATALOG #
AAA69880

REACTIVITY
Human

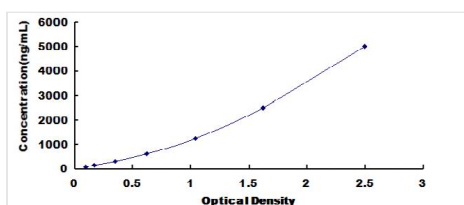
PRODUCT SYNONYMS

Collagen Type V Alpha 2 (COL5a2); Human Collagen Type V Alpha 2 (COL5a2) ELISA Kit; COL5-A2; Collagen Alpha-2(V)chain; AB Collagen; COL5a2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1499
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	78.1-5000ng/mL
Sensitivity	34ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COL5a2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to COL5a2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to COL5a2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain COL5a2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of COL5a2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

89363017

NCBI GeneID	1290
NCBI Accession #	NP_000384.2
NCBI GenBank Nucleotide #	NM_000393.4
UniProt Accession #	P05997; P78440; Q13908; Q53WR4; Q59GR4; Q6LDJ5; Q7KZ55; Q86XF6; Q96QB0; Q96QB3
Molecular Weight	144,910 Da
NCBI Official Full Name	collagen alpha-2(V) chain preproprotein
NCBI Official Synonym Full Names	collagen type V alpha 2 chain
NCBI Official Symbol	COL5A2
NCBI Official Synonym Symbols	EDSC; EDSCL2
NCBI Protein Information	collagen alpha-2(V) chain
UniProt Protein Name	Collagen alpha-2(V) chain
UniProt Gene Name	COL5A2

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-rtu-elisa-kits/collagen-type-v-alpha-2-col5a2/69880>