

Human Collagen Type XVII ELISA Kit | COL17 elisa kit

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CATALOG #
AAA81920

REACTIVITY
Human

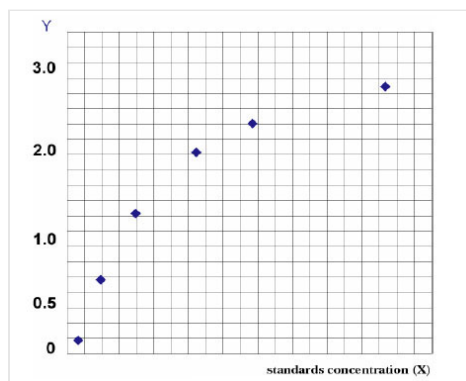
PRODUCT SYNONYMS

Collagen Type XVII; Human Collagen Type XVII ELISA Kit; COL17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COL17 elisa kit	Intended Uses: This COLγ ELISA kit is intended Laboratory for research use only.The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration ofCOLγ in the sample, thisCOLγ ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versusCOL concentration. The concentration ofCOLγ in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This COLγ enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific forCOLγ . Standards or samples are then added to the microtiter plate wells andCOLγ if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount ofCOL present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific forCOL γare added to each well to "sandwich" theCOLγ immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that containCOLγ and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
Product Categories/Family for COL17 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	119569999
NCBI GeneID	1308
Molecular Weight	142,344 Da
NCBI Official Full Name	collagen, type XVII, alpha 1, isoform CRA_b
NCBI Official Synonym Full Names	collagen, type XVII, alpha 1
NCBI Official Symbol	COL17A1
NCBI Official Synonym Symbols	BP180; BPA-2; BPAG2; LAD-1; BA16H23.2
NCBI Protein Information	collagen alpha-1(XVII) chain; collagen alpha-1(XVII) chain; alpha 1 type XVII collagen; type XVII collagen alpha-1; collagen XVII, alpha-1 polypeptide; 180 kDa bullous pemphigoid antigen 2; bullous pemphigoid antigen 2 (180kD); bA16H23.2 (collagen, type XVII, alpha 1 (BP180))
UniProt Protein Name	Collagen alpha-1(XVII) chain
UniProt Gene Name	COL17A1
UniProt Synonym Gene Names	BP180; BPAG2; LAD-1; 97 kDa LAD antigen; 97-LAD; LABD97
UniProt Entry Name	COHA1_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.

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Online datasheet: <https://stage.aaabiotech.com/col17-human-elisa-kits/collagen-type-xvii/81920>