



Human Collagen alpha-1(XVII) chain (COL17A1) ELISA kit

Product Code	CSB-EL005724HU
Abbreviation	COL17A1
Target Name	collagen, type XVII, alpha 1
Uniprot No.	Q9UMD9
Alias	RP11-16H23.2, BA16H23.2, BP180, BPAG2, FLJ60881, KIAA0204, LAD-1, alpha 1 type XVII collagen bA16H23.2 (collagen, type XVII, alpha 1 (BP180)) bullous pemphigoid antigen 2 (180kD) collagen XVII, alph
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.156 ng/mL-10 ng/mL
Sensitivity	0.039 ng/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Signal Transduction
Gene Names	COL17A1
Tag Info	quantitative
Protein Description	Sandwich

Description

This Human COL17A1 ELISA Kit was designed for the quantitative measurement of Human COL17A1 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.156 ng/mL-10 ng/mL and the sensitivity is 0.039 ng/mL.

Target Details

This gene encodes the alpha chain of type XVII collagen. Unlike most collagens, collagen XVII is a transmembrane protein. Collagen XVII is a structural component of hemidesmosomes, multiprotein complexes at the dermal-epidermal basement membrane zone that mediate adhesion of keratinocytes to the underlying membrane. Mutations in this gene are associated with both generalized atrophic benign and junctional epidermolysis bullosa. Two homotrimeric forms of type XVII collagen exist. The full length form is the transmembrane protein. A soluble form, referred to as either ectodomain or



LAD-1, is generated by proteolytic processing of the full length form.

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