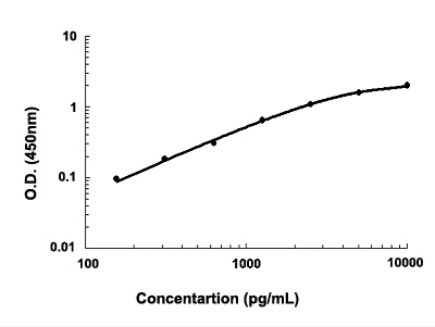
COL18A1 (Human) ELISA Kit

Catalog # KA3409 Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	COL18A1 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human COL18A1.
Suitable Sample	Cell Culture Supernate, Human Milk, Plasma (EDTA, Heparin), Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10,000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of demonstration only and should not be used to calculate unkn owns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

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Applications

- Quantification

Gene Info — COL18A1

Entrez GeneID	80781
Gene Name	COL18A1
Gene Alias	FLJ27325, FLJ34914, KNO, KNO1, MGC74745
Gene Description	collagen, type XVIII, alpha 1
Omim ID	120328 267750
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the alpha chain of type XVIII collagen. This collagen is one of the multiplexins, extracellular matrix proteins that contain multiple triple-helix domains (collagenous domains) interr upted by non-collagenous domains. The proteolytically produced C-terminal fragment of type XVIII collagen is endostatin, a potent antiangiogenic protein. Mutations in this gene are associated with Knobloch syndrome. The main features of this syndrome involve retinal abnormalities, so type XVI II collagen may play an important role in retinal structure and in neural tube closure. Alternatively sp liced transcript variants encoding different isoforms have been found for this gene. [provided by R efSeq
Other Designations	OTTHUMP00000115472|OTTHUMP00000115473|alpha 1 type XVIII collagen|antiangiogenic ag ent|endostatin|multi-functional protein MFP

Disease

- Adenocarcinoma
- Asthma
- Breast cancer
- Breast Neoplasms
- Diabetes
- Diabetes Mellitus
- Endometriosis

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- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Hypersensitivity
- Leukemia
- Liver Cirrhosis
- Lung Neoplasms
- Multiple Myeloma
- Myopia
- Neoplasm Invasiveness
- Neoplasm Recurrence
- Neoplasms
- Neovascularization
- Obesity
- Overweight
- Prostate cancer
- Prostatic Neoplasms
- Pulmonary Disease
- Stomach Neoplasms
- Urinary Bladder Neoplasms
- Werner syndrome

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