COL5A1 (Human) Cell-Based ELISA Kit

Catalog # KA2665 Size 1 Kit

Specification

Product Description	COL5A1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative de termination of COL5A1 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — COL5A1

Entrez GeneID	1289
Protein Accession#	P20908
Gene Name	COL5A1
Gene Alias	-
Gene Description	collagen, type V, alpha 1

Omim ID	120215 130000 130010
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an alpha chain for one of the low abundance fibrillar collagens. Fibrillar collagen molecules are trimers that can be composed of one or more types of alpha chains. Type V collagen is found in tissues containing type I collagen and appears to regulate the assembly of heterotypic fibers composed of both type I and type V collagen. This gene product is closely related to type XI collagen and it is possible that the collagen chains of types V and XI constitute a single collagen type with tissue-specific chain combinations. Mutations in this gene are associated with Ehlers-Danlos syndrome, types I and II. [provided by RefSeq
Other Designations	OTTHUMP00000022513|OTTHUMP00000064637|alpha 1 type V collagen

Pathway

- ECM-receptor interaction
- Focal adhesion

Disease

- Cardiovascular Diseases
- Chorioamnionitis
- Chronic Disease
- Connective Tissue Diseases
- Diabetes Mellitus
- Edema
- Fetal Diseases
- Fetal Membranes
- Genetic Predisposition to Disease
- Infection
- Inflammation
- Intervertebral Disk Displacement
- Knee Injuries

- Musculoskeletal Diseases
- Obstetric Labor
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Rupture
- Skin Diseases
- Tendinopathy