COL6A2 (Human) Cell-Based ELISA Kit

Catalog # KA2666 Size 1 Kit

Specification

Product Description	COL6A2 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative de termination of COL6A2 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — COL6A2

Entrez GeneID	1292
Protein Accession#	P12110
Gene Name	COL6A2
Gene Alias	DKFZp586E1322, FLJ46862, PP3610
Gene Description	collagen, type VI, alpha 2

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Omim ID	120240 158810 254090
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of the three alpha chains of type VI collagen, a beaded filament collagen found in most connective tissues. The product of this gene contains several domains similar to von Willebrand Factor type A domains. These domains have been shown to bind extracellular matrix proteins, an interaction that explains the importance of this collagen in organizing matrix components. Mutations in this gene are associated with Bethlem myopathy and Ullrich scleroatonic muscular dystrophy. Three transcript variants have been identified for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000115569|alpha 2 type VI collagen|collagen VI, alpha-2 polypeptide|collagen alpha-2(VI) chain|human mRNA for collagen VI alpha-2 C-terminal globular domain

Pathway

- ECM-receptor interaction
- Focal adhesion

Disease

- Alzheimer disease
- Cerebral Amyloid Angiopathy
- Genetic Predisposition to Disease
- Neuroblastoma

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