

COL4A2 (Human) Cell-Based ELISA Kit

Catalog # KA2689

Size 1 Kit

Specification

Product Description	COL4A2 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of COL4A2 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 — COL4A2

Entrez GeneID	1284
Protein Accession#	P08572
Gene Name	COL4A2
Gene Alias	DKFZp686l14213, FLJ22259
Gene Description	collagen, type IV, alpha 2

Omim ID [120090](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes one of the six subunits of type IV collagen, the major structural component of basement membranes. The C-terminal portion of the protein, known as canstatin, is an inhibitor of angiogenesis and tumor growth. Like the other members of the type IV collagen gene family, this gene is organized in a head-to-head conformation with another type IV collagen gene so that each gene pair shares a common promoter. [provided by RefSeq]

Other Designations OTTHUMP00000018700|alpha 2 type IV collagen|canstatin

Pathway

- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasm Invasiveness](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Prostatic Neoplasms](#)