TEK (Human) Cell-Based ELISA Kit

Catalog # KA3516 Size 1 Kit

Specification

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

Entrez GeneID	7010
Gene Name	TEK
Gene Alias	CD202B, TIE-2, TIE2, VMCM, VMCM1
Gene Description	TEK tyrosine kinase, endothelial
Omim ID	600195 600221

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Gene Ontology	Hyperlink
Gene Summary	The TEK receptor tyrosine kinase is expressed almost exclusively in endothelial cells in mice, rats , and humans. This receptor possesses a unique extracellular domain containing 2 immunoglobuli n-like loops separated by 3 epidermal growth factor-like repeats that are connected to 3 fibronecti n type III-like repeats. The ligand for the receptor is angiopoietin-1. Defects in TEK are associated with inherited venous malformations; the TEK signaling pathway appears to be critical for endothe lial cell-smooth muscle cell communication in venous morphogenesis. TEK is closely related to th e TIE receptor tyrosine kinase. [provided by RefSeq
Other Designations	OTTHUMP00000021167|soluble TIE2 variant 1|soluble TIE2 variant 2

Disease

- Drug Toxicity
- Edema
- Genetic Predisposition to Disease
- Hypercholesterolemia
- Kidney Failure
- Tobacco Use Disorder
- Vascular Malformations

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