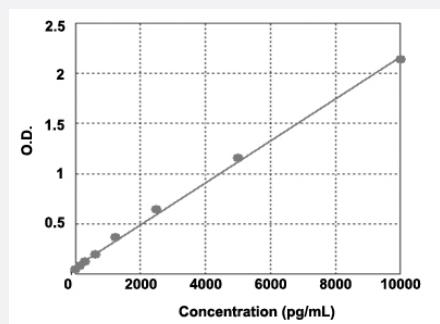


TEK (Human) ELISA Kit

Catalog # KA3111

Size 1 Kit

Applications



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

Specification

Product Description	TEK (Human) ELISA Kit is intended for the quantitative measurement of human TEK.
Suitable Sample	Body Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Lysate
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard Curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 4 months, or at -20°C for 8 months.

Applications

- Quantification

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](#)

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 immunoglobulin-like loops separated by 3 epidermal growth factor-like repeats that are connected to 3 fibronectin 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 endothelial cell-smooth muscle cell communication in venous morphogenesis. TEK is closely related to the 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](#)