Human Angiopoietin-1 receptor (TEK) ELISA Kit | TEK elisa kit

Human Angiopoietin-1 receptor, TEK ELISA Kit

CATALOG #	REACTIVITY
AAA15895	**Human**

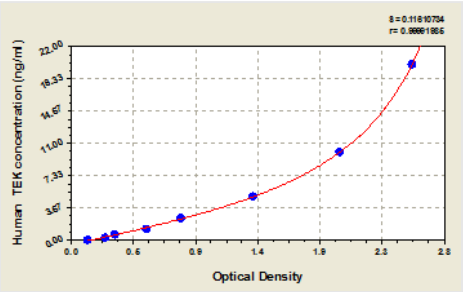
PRODUCT SYNONYMS

Angiopoietin-1 receptor (TEK); Human Angiopoietin-1 receptor; TEK ELISA Kit; Human Angiopoietin-1 receptor (TEK) ELISA kit; CD202B; TIE-2; TIE2; VMCM; VMCM1; soluble TIE2 variant 1; soluble TIE2 variant 2; TEK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human TEK. No significant cross-reactivity or interference between human TEK and analogues was observed.
Sequence Length	1081
Samples	Serum, plasma, tissue homogenates, cell lysates.
Assay Type	Sandwich
Detection Range	0.312 ng/ml -20 ng/ml.
Sensitivity	0.078 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TEK elisa kit	Principle of the Assay||This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TEK has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TEK present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TEK is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TEK bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	587651917
NCBI GeneID	7010
NCBI Accession #	NP_001277006.1
NCBI GenBank Nucleotide #	NM_001290077.1
UniProt Accession #	Q02763; Q5TCU2; Q8IV34; A8K6W0; B4DH20; B4DHD3; D3DRK5; E7EWI2
Molecular Weight	109,141 Da
NCBI Official Full Name	angiopoietin-1 receptor isoform 2
NCBI Official Synonym Full Names	TEK tyrosine kinase, endothelial
NCBI Official Symbol	TEK
NCBI Official Synonym Symbols	TIE2; VMCM; TIE-2; VMCM1; CD202B
NCBI Protein Information	angiopoietin-1 receptor; endothelial tyrosine kinase; tyrosine-protein kinase receptor TEK; tunica interna endothelial cell kinase; tyrosine-protein kinase receptor TIE-2; tyrosine kinase with Ig and EGF homology domains-2
UniProt Protein Name	Angiopoietin-1 receptor
UniProt Gene Name	**TEK**
UniProt Synonym Gene Names	TIE2; VMCM; VMCM1; hTIE2
UniProt Entry Name	TIE2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/human-elisa-kits/angiopoietin-1-receptor-tek/15895