

Rat TEK Tyrosine Kinase, Endothelial (Tie2) RTU ELISA Kit | Tie2 rtu elisa kit

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CATALOG #
AAA218785

REACTIVITY
Rat

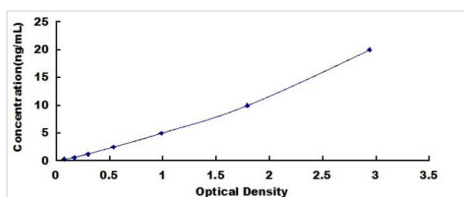
PRODUCT SYNONYMS

TEK Tyrosine Kinase; Endothelial (Tie2); Rat TEK Tyrosine Kinase; Endothelial (Tie2) ELISA Kit; CD202b; CD202-B; TEK; VMCM1; Tyrosine Kinase With Immunoglobulin Like And EGF Like Domains 2; Venous Malformations Multiple Cutaneous And Mucosal; Tie2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1120
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.133ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tie2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Tie2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to Tie2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Tie2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Tie2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157787147
NCBI GeneID	89804
NCBI Accession #	NP_001099207.1
NCBI GenBank Nucleotide #	NM_001105737.1
UniProt Accession #	D3ZCD0
Molecular Weight	125,800 Da
NCBI Official Full Name	angiopoietin-1 receptor
NCBI Official Synonym Full Names	TEK receptor tyrosine kinase
NCBI Official Symbol	Tek
NCBI Official Synonym Symbols	Tie2; Tie-2
NCBI Protein Information	angiopoietin-1 receptor
UniProt Protein Name	Endothelial-specific receptor tyrosine kinase
UniProt Gene Name	Tek

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://stage.aaabiotech.com/rat-rtu-elisa-kits/tek-tyrosine-kinase-endothelial-tie2/218785>