

Human Tyrosine-protein kinase receptor Tie-1 ELISA Kit | TIE1 elisa kit

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CATALOG #
AAA194337

REACTIVITY
Human

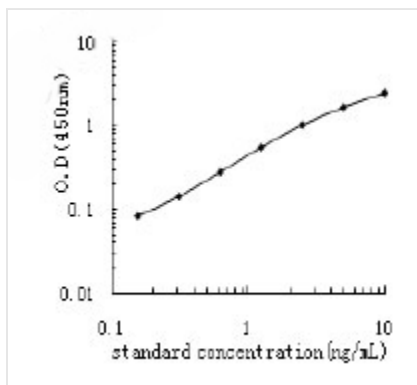
PRODUCT SYNONYMS

Tyrosine-protein kinase receptor Tie-1; Human Tyrosine-protein kinase receptor Tie-1 ELISA Kit; TIE1; TIE; 2.7.10.1; TIE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Tyrosine-protein kinase receptor Tie-1
Sequence Length	1138
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	<0.079 ng/mL
Intra-assay Precision	Intra-Assay CV: <=5.9%
Inter-assay Precision	Inter-Assay CV: <=9.7%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TIE1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885631
NCBI GeneID	7075
NCBI Accession #	NP_005415.1
NCBI GenBank Nucleotide #	NM_005424.4
UniProt Accession #	P35590; B5A949; B5A950
Molecular Weight	34,138 Da
NCBI Official Full Name	tyrosine-protein kinase receptor Tie-1 isoform 1
NCBI Official Synonym Full Names	tyrosine kinase with immunoglobulin like and EGF like domains 1
NCBI Official Symbol	TIE1
NCBI Official Synonym Symbols	TIE; JTK14
NCBI Protein Information	tyrosine-protein kinase receptor Tie-1
UniProt Protein Name	Tyrosine-protein kinase receptor Tie-1
UniProt Gene Name	TIE1
UniProt Synonym Gene Names	TIE
UniProt Entry Name	TIE1_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://stage.aaabiotech.com/tie1-human-elisa-kits/tyrosine-protein-kinase-receptor-tie-1/194337>