

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

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CATALOG #
AAA98074

REACTIVITY
Human

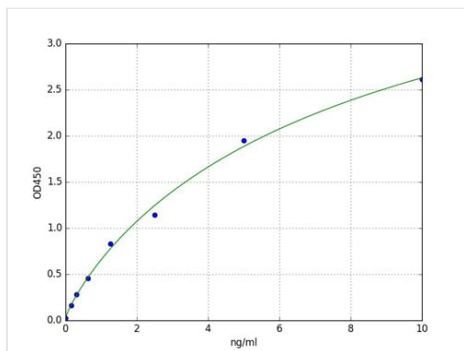
PRODUCT SYNONYMS

Tyrosine-protein kinase receptor Tie-1; Human Tyrosine-protein kinase receptor Tie-1 ELISA Kit; TIE1 (Tyrosine-protein kinase receptor Tie-1)/receptor tyrosine kinase/soluble TIE1 variant 1/soluble TIE1 variant 2/soluble TIE1 variant 5/TIEsoluble TIE1 variant 4/tyrosine kinase with immunoglobulin and epidermal growth factor homologydomains 1/tyrosine kinase with immunoglobulin-like and EGF-like domains 1; TIE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1138
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Human TIE1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.022	0.122	0.251	0.368	0.765	1.214	1.915	2.379

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TIE1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human TIE1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human TIE1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human TIE1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human TIE1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885631
NCBI GeneID	7075
NCBI Accession #	NP_005415.1
NCBI GenBank Nucleotide #	NM_005424.4
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-1/98074>