

Mouse Angiotensin-1 receptor ELISA Kit | Tek elisa kit

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CATALOG #
AAA97972

REACTIVITY
Mouse

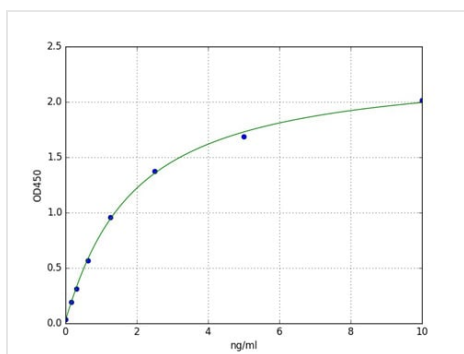
PRODUCT SYNONYMS

Angiotensin-1 receptor; Mouse Angiotensin-1 receptor ELISA Kit; Tek/Tie-2/TEK/CD202B/TIE2/VMCM/VMCM1/Angiotensin-1 receptor/ANG-R-Tie2/Angiotensin Receptor Tie2; Tek elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	976
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



Typical Data & Standard Curve

Results of a typical standard run of a Mouse Tek 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	0.085	0.139	0.162	0.260	0.482	0.812	1.545	2.057

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tek elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse Tek antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Tek 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 Mouse Tek amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Tek can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	587651919
NCBI GeneID	7010
NCBI Accession #	NP_001277007.1
NCBI GenBank Nucleotide #	NM_001290078.1
Molecular Weight	109,141 Da
NCBI Official Full Name	angiopoietin-1 receptor isoform 3
NCBI Official Synonym Full Names	TEK receptor tyrosine kinase
NCBI Official Symbol	TEK
NCBI Official Synonym Symbols	TIE2; VMCM; TIE-2; VMCM1; CD202B
NCBI Protein Information	angiopoietin-1 receptor
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://stage.aaabiotech.com/tek-mouse-elisa-kits/angiopoietin-1-receptor/97972>