

Mouse Ephrin type-B receptor 4 ELISA Kit | Ephb4 elisa kit

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CATALOG #
AAA98875

REACTIVITY
Mouse

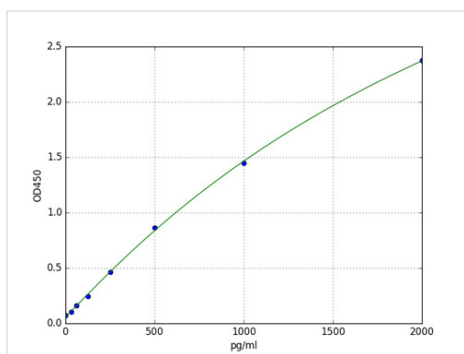
PRODUCT SYNONYMS

Ephrin type-B receptor 4; Mouse Ephrin type-B receptor 4 ELISA Kit; Ephb4/Tyrosine-protein kinase TYRO11/Tyrosine-protein kinase receptor HTK/EPHB4/HTK/TYRO11/2.7.10.1/TYRO11; Ephb4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	987
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Ephb4 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	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.082	0.095	0.109	0.167	0.267	0.536	1.008	2.124

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ephb4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse Ephb4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Ephb4 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 Ephb4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Ephb4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32528301
NCBI GeneID	2050
NCBI Accession #	NP_004435.3
NCBI GenBank Nucleotide #	NM_004444.4
Molecular Weight	45,195 Da
NCBI Official Full Name	ephrin type-B receptor 4
NCBI Official Synonym Full Names	EPH receptor B4
NCBI Official Symbol	EPHB4
NCBI Official Synonym Symbols	HTK; MYK1; TYRO11
NCBI Protein Information	ephrin type-B receptor 4
UniProt Protein Name	Ephrin type-B receptor 4
UniProt Gene Name	EPHB4
UniProt Synonym Gene Names	HTK; MYK1; TYRO11
UniProt Entry Name	EPHB4_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/ephb4-mouse-elisa-kits/ephrin-type-b-receptor-4/98875>