

Human Ephrin type-A receptor 3 ELISA Kit | EPHA3 elisa kit

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CATALOG #
AAA101141

REACTIVITY
Human

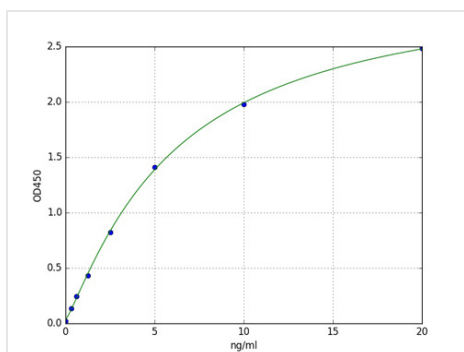
PRODUCT SYNONYMS

Ephrin type-A receptor 3; Human Ephrin type-A receptor 3 ELISA Kit; EPHA3/Tyrosine-protein kinase receptor ETK1/Eph-like tyrosine kinase 1/Tyrosine-protein kinase TYRO4/EPH-like kinase 4/EK4/hEK4/HEK/Human embryo kinase/Eph Receptor A3/Cek4/EPH receptor A3/EphA3; EPHA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	983
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 EPHA3 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.098	0.187	0.241	0.464	0.678	1.156	1.698	2.145

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPHA3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-EPHA3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-EPHA3 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 EPHA3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of EPHA3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361241
NCBI GeneID	2042
NCBI Accession #	NP_005224.2
NCBI GenBank Nucleotide #	NM_005233.5
Molecular Weight	60,946 Da
NCBI Official Full Name	ephrin type-A receptor 3 isoform a
NCBI Official Synonym Full Names	EPH receptor A3
NCBI Official Symbol	EPHA3
NCBI Official Synonym Symbols	EK4; ETK; HEK; ETK1; HEK4; TYRO4
NCBI Protein Information	ephrin type-A receptor 3
UniProt Protein Name	Ephrin type-A receptor 3
UniProt Gene Name	EPHA3
UniProt Synonym Gene Names	ETK; ETK1; HEK; TYRO4; EK4; hEK4; Human embryo kinase; Eph-like tyrosine kinase 1
UniProt Entry Name	EPHA3_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/epha3-human-elisa-kits/ephrin-type-a-receptor-3/101141>