

Human Ephrin type-A receptor 4 ELISA Kit | EPHA4 elisa kit

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CATALOG #
AAA100556

REACTIVITY
Human

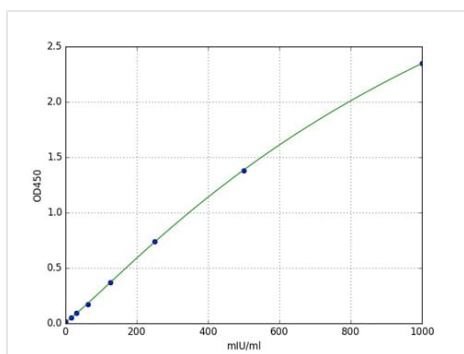
PRODUCT SYNONYMS

Ephrin type-A receptor 4; Human Ephrin type-A receptor 4 ELISA Kit; EPHA4 (Ephrin type-A receptor 4)/Tyrosine-protein kinase receptor SEK/EPH-like kinase 8/EK8/hEK8/Tyrosine-protein kinase TYRO1; EPHA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	986
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)

Results of a typical standard run of a Human EPHA4 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	U/L	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.027	0.065	0.098	0.168	0.306	0.723	1.314	2.172

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPHA4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human EPHA4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human EPHA4 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. HRPStreptavidin 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 EPHA4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human EPHA4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	751557656
NCBI GeneID	2043
NCBI Accession #	NP_001291465.1
NCBI GenBank Nucleotide #	NM_001304536.1
Molecular Weight	104,507 Da
NCBI Official Full Name	ephrin type-A receptor 4 isoform a
NCBI Official Synonym Full Names	EPH receptor A4
NCBI Official Symbol	EPHA4
NCBI Official Synonym Symbols	SEK; HEK8; TYRO1
NCBI Protein Information	ephrin type-A receptor 4
UniProt Protein Name	Ephrin type-A receptor 4
UniProt Gene Name	EPHA4
UniProt Synonym Gene Names	HEK8; SEK; TYRO1; EK8; hEK8
UniProt Entry Name	EPHA4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/epha4-human-elisa-kits/ephrin-type-a-receptor-4/100556>