

Human EPH receptor A4 ELISA Kit | EPHA4 elisa kit

Human Ephrin type-A receptor 4, EPHA4 ELISA Kit

CATALOG #
AAA18126

REACTIVITY
Human

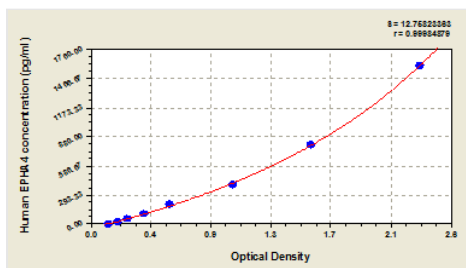
PRODUCT SYNONYMS

EPH receptor A4; Human Ephrin type-A receptor 4; EPHA4 ELISA Kit; Human Ephrin type-A receptor 4 (EPHA4) ELISA kit; HEK8; SEK; TYRO1; OTTHUMP00000164185; TYRO1 protein tyrosine kinase; ephrin receptor EphA4; ephrin type-A receptor 4; receptor protein-tyrosine kinase HEK8; tyrosine-protein kinase receptor SEK; EPHA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human EPHA4. No significant cross-reactivity or interference between human EPHA4 and analogues was observed.
Sequence Length	986
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	25 pg/ml-1600 pg/ml
Sensitivity	< 6.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPHA4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for EPHA4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any EPHA4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for EPHA4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of EPHA4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758280
NCBI GeneID	2043
NCBI Accession #	NP_004429.1
NCBI GenBank Nucleotide #	NM_004438.3
UniProt Accession #	P54764; Q2M380; A8K2P1; B2R601
Molecular Weight	109,860 Da
NCBI Official Full Name	ephrin type-A receptor 4
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; EK8; EPH-like kinase 8; TYRO1 protein tyrosine kinase; tyrosine-protein kinase TYRO1; tyrosine-protein kinase receptor SEK; receptor protein-tyrosine kinase HEK8
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.

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Online datasheet: <https://stage.aaabiotech.com/epha4-human-elisa-kits/eph-receptor-a4/18126>