

Human Ephrin Type-B Receptor 6, EPHB6 ELISA Kit | EPHB6 elisa kit

Human Ephrin Type-B Receptor 6, EPHB6 Primacu ELISA Kit

CATALOG #
AAA124370

REACTIVITY
Human

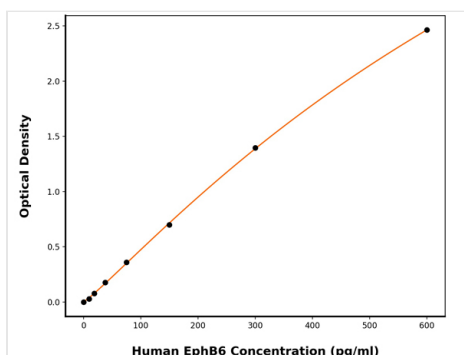
PRODUCT SYNONYMS

Ephrin Type-B Receptor 6; EPHB6; Human Ephrin Type-B Receptor 6; EPHB6 Primacu ELISA Kit; Ephrin type-B receptor 6; EphB6; EPHB6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	9.38-600pg/mL
Sensitivity	2.82pg/mL
Standard Solution	6ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for EPHB6 elisa kit

Ephrins are divided into the ephrin-A (EFNA) class and the ephrin-B (EFNB) class based on their structures and sequence relationships. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. EphB6 is an unusual Eph receptor, lacking catalytic capacity due to alterations in its kinase domain. Interestingly, increased metastatic activity is associated with reduced EphB6 receptor expression in several tumor types, including breast cancer. This emphasizes the potential of EphB6 to act as a suppressor of cancer aggressiveness. EphB6 suppress cancer invasiveness through c-Cbl-dependent signaling, morphologic changes, and cell attachment and indicate that EphB6 may represent a useful prognostic marker and a promising target for therapeutic approaches. EphB6 can both positively and negatively regulate cell adhesion and migration, and suggest that tyrosine phosphorylation of the receptor by an Src family kinase acts as the molecular switch for the functional transition. In addition, Ephrin-B2 may be a physiological ligand for the EphB6 receptor.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194097332
NCBI GeneID	2051
NCBI Accession #	NP_004436.2
NCBI GenBank Nucleotide #	NM_004445.3
UniProt Accession #	O15197; Q2TB23; Q2TB24; A4D2I7; A8CDT5; D3DXD3
Molecular Weight	110,700 Da
NCBI Official Full Name	ephrin type-B receptor 6
NCBI Official Synonym Full Names	EPH receptor B6
NCBI Official Symbol	EPHB6
NCBI Official Synonym Symbols	HEP
NCBI Protein Information	ephrin type-B receptor 6; tyrosine-protein kinase-defective receptor EPH-6
UniProt Protein Name	Ephrin type-B receptor 6
UniProt Gene Name	EPHB6
UniProt Entry Name	EPHB6_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/human-elisa-kits/ephrin-type-b-receptor-6-ephb6/124370>