

Human EPH receptor B2 ELISA Kit | EPHB2 elisa kit

Human Ephrin type-B receptor 2, EPHB2 ELISA Kit

CATALOG #
AAA18117

REACTIVITY
Human

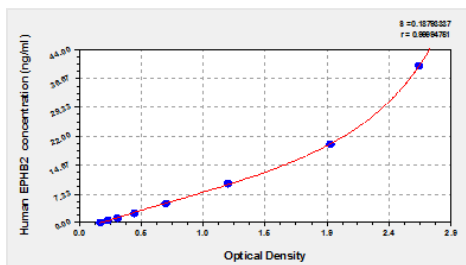
PRODUCT SYNONYMS

EPH receptor B2; Human Ephrin type-B receptor 2; EPHB2 ELISA Kit; Human Ephrin type-B receptor 2 (EPHB2) ELISA kit; CAPB; DRT; EPHT3; ERK; Hek5; MGC87492; PCBC; Tyro5; elk-related tyrosine kinase; eph tyrosine kinase 3; ephrin type-B receptor 2; protein-tyrosine kinase HEK5; EPHB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human EPHB2. No significant cross-reactivity or interference between human EPHB2 and analogues was observed.
Sequence Length	987
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	< 0.156 ng/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 EPHB2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for EPHB2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any EPHB2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for EPHB2 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 EPHB2 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 #	21396504
NCBI GeneID	2048
NCBI Accession #	NP_004433.2
NCBI GenBank Nucleotide #	NM_004442.6
UniProt Accession #	P29323; O43477; Q5T0U6; Q5T0U7; Q5T0U8
Molecular Weight	117,493 Da
NCBI Official Full Name	ephrin type-B receptor 2 isoform 2
NCBI Official Synonym Full Names	EPH receptor B2
NCBI Official Symbol	EPHB2
NCBI Official Synonym Symbols	DRT; EK5; ERK; CAPB; Hek5; PCBC; EPHT3; Tyro5
NCBI Protein Information	ephrin type-B receptor 2; EPH-like kinase 5; eph tyrosine kinase 3; elk-related tyrosine kinase; protein-tyrosine kinase HEK5; tyrosine-protein kinase TYRO5; renal carcinoma antigen NY-REN-47; tyrosine-protein kinase receptor EPH-3; developmentally-regulated Eph-related tyrosine kinase
UniProt Protein Name	Ephrin type-B receptor 2
UniProt Gene Name	EPHB2
UniProt Synonym Gene Names	DRT; EPHT3; EPTH3; ERK; HEK5; TYRO5; EK5; hEK5
UniProt Entry Name	EPHB2_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.