

Human plexin B1 ELISA Kit | PLXNB1 elisa kit

Human Plexin-B1, PLXNB1 ELISA Kit

CATALOG #
AAA113088

REACTIVITY
Human

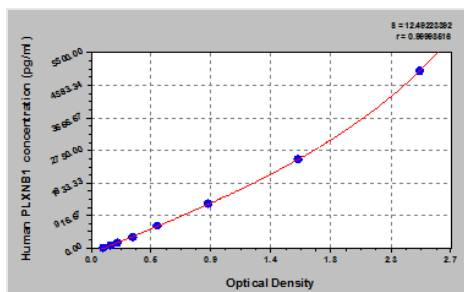
PRODUCT SYNONYMS

plexin B1; Human Plexin-B1; PLXNB1 ELISA Kit; Human Plexin-B1 (PLXNB1) ELISA kit; KIAA0407; MGC149167; PLEXIN-B1; PLXN5; SEP; plexin 5; semaphorin receptor; PLXNB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PLXNB1. No significant cross-reactivity or interference between human PLXNB1 and analogues was observed.
Sequence Length	2135
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	78 pg/ml-5000 pg/ml
Sensitivity	< 19.5 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 PLXNB1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PLXNB1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PLXNB1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PLXNB1 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 PLXNB1 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 #	194272180
NCBI GeneID	5364
NCBI Accession #	NP_001123554.1
NCBI GenBank Nucleotide #	NM_001130082.2
UniProt Accession #	O43157; Q6NY20; Q9UIV7; Q9UJ92; Q9UJ93; A6H8Y2
Molecular Weight	232,298 Da
NCBI Official Full Name	plexin-B1
NCBI Official Synonym Full Names	plexin B1
NCBI Official Symbol	PLXNB1
NCBI Official Synonym Symbols	SEP; PLXN5; PLEXIN-B1
NCBI Protein Information	plexin-B1; plexin 5; semaphorin receptor SEP
UniProt Protein Name	Plexin-B1
UniProt Gene Name	PLXNB1
UniProt Synonym Gene Names	KIAA0407; PLXN5; SEP
UniProt Entry Name	PLXB1_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/plxnb1-human-elisa-kits/plexin-b1/113088>