

Human PLXNB1 (Plexin-B1) ELISA Kit | PLXNB1 elisa kit

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CATALOG #
AAA249585

REACTIVITY
Human

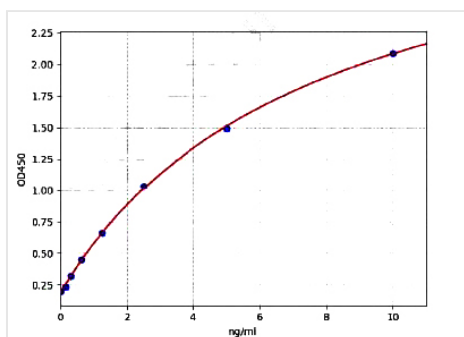
PRODUCT SYNONYMS

PLXNB1 (Plexin-B1); Human PLXNB1 (Plexin-B1) ELISA Kit; PLXNB1; Plexin-B1; Semaphorin receptor SEP; KIAA0407; PLXN5; SEP; PLXNB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PLXNB1. No significant cross-reactivity or interference between PLXNB1 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for PLXNB1 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118763993
NCBI GeneID	5364
UniProt Accession #	O43157; Q6NY20; Q9UIV7; Q9UJ92; Q9UJ93; A6H8Y2
Molecular Weight	214,411 Da
NCBI Official Full Name	PLXNB1 protein
NCBI Official Synonym Full Names	plexin B1
NCBI Official Symbol	PLXNB1
NCBI Official Synonym Symbols	SEP; PLXN5; PLEXIN-B1
NCBI Protein Information	plexin-B1
UniProt Protein Name	Plexin-B1
UniProt Gene Name	PLXNB1
UniProt Synonym Gene Names	KIAA0407; PLXN5; SEP

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/human-elisa-kits/plxnb1-plexin-b1/249585>