

Human plexin C1 ELISA Kit | PLXNC1 elisa kit

Human Plexin-C1, PLXNC1 ELISA Kit

CATALOG #
AAA113034

REACTIVITY
Human

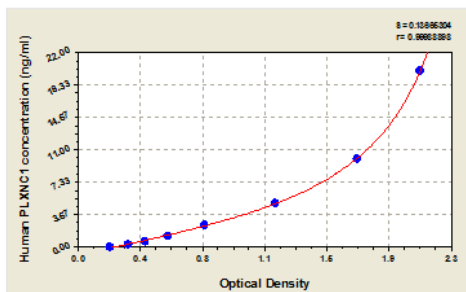
PRODUCT SYNONYMS

plexin C1; Human Plexin-C1; PLXNC1 ELISA Kit; Human Plexin-C1 (PLXNC1) ELISA kit; CD232; PLXN-C1; VESPR; plexin (semaphorin receptor) ; receptor for virally-encoded semaphorin; PLXNC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PLXNC1. No significant cross-reactivity or interference between human PLXNC1 and analogues was observed.
Sequence Length	1,568
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	0.312 ng/ml -20 ng/ml.
Sensitivity	The minimum detectable dose of human PLXNC1 is typically less than 0.078 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 PLXNC1 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PLXNC1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PLXNC1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PLXNC1 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 PLXNC1 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 #	5032223
NCBI GeneID	10154
NCBI Accession #	NP_005752.1
NCBI GenBank Nucleotide #	NM_005761.2
UniProt Accession #	O60486; Q59H25
Molecular Weight	175,742 Da
NCBI Official Full Name	plexin-C1
NCBI Official Synonym Full Names	plexin C1
NCBI Official Symbol	PLXNC1
NCBI Official Synonym Symbols	CD232; VESPR; PLXN-C1
NCBI Protein Information	plexin-C1; plexin (semaphorin receptor); receptor for viral semaphorin protein; receptor for virally-encoded semaphorin; virus-encoded semaphorin protein receptor
UniProt Protein Name	Plexin-C1
UniProt Gene Name	PLXNC1
UniProt Synonym Gene Names	VESPR
UniProt Entry Name	PLXC1_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.