

Human Plexin-D1 ELISA Kit | PLXND1 elisa kit

Human Plexin-D1 (PLXND1) ELISA Kit

CATALOG #
AAA55720

REACTIVITY
Human

PRODUCT SYNONYMS

Plexin-D1; Human Plexin-D1 (PLXND1) ELISA Kit; PLXND1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PLXND1. No significant cross-reactivity or interference between Human PLXND1 and analogues was observed.
Sequence Length	1925
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1 pg/mL - 5000 pg/mL
Sensitivity	26 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PLXND1 elisa kit	Intended Uses: For the quantitative detection of Human Plexin-D1 (PLXND1) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PLXND1 in Human serum, plasma. An antibody specific for PLXND1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PLXND1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PLXND1 is added to the wells. After washing, Streptavidin 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 PLXND1 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 #	157694524
NCBI GeneID	23129
NCBI Accession #	NP_055918.2
NCBI GenBank Nucleotide #	NM_015103.2
UniProt Accession #	Q9Y4D7; Q6PJS9; Q8IZJ2; Q9BTQ2; A7E2C6; C9JPZ6

Molecular Weight	195,558 Da
NCBI Official Full Name	plexin-D1
NCBI Official Synonym Full Names	plexin D1
NCBI Official Symbol	PLXND1
NCBI Official Synonym Symbols	PLEXD1
NCBI Protein Information	plexin-D1
UniProt Protein Name	Plexin-D1
UniProt Gene Name	PLXND1
UniProt Synonym Gene Names	KIAA0620

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://www.aaabiotech.com/plxnd1-human-elisa-kits/plexin-d1/55720>