

Human Plexin domain-containing protein 2 ELISA Kit | PLXDC2 elisa kit

Human Plexin domain-containing protein 2 (PLXDC2) ELISA Kit

CATALOG #
AAA55515

REACTIVITY
Human

PRODUCT SYNONYMS

Plexin domain-containing protein 2; Human Plexin domain-containing protein 2 (PLXDC2) ELISA Kit; PLXDC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PLEKHB1. No significant cross-reactivity or interference between Human PLEKHB1 and analogues was observed.
Sequence Length	480
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	62.5 pg/mL-4000 pg/mL
Sensitivity	31.25 pg/mL (mean of 6 independent assays).
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 PLXDC2 elisa kit	Intended Uses: For the quantitative detection of Human Pleckstrin homology domaincontaining family B member 1 (PLEKHB1) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PLEKHB1 in Human serum, plasma. An antibody specific for PLEKHB1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PLEKHB1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PLEKHB1 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 PLEKHB1 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 #	544346180
NCBI GeneID	84898
NCBI Accession #	NP_001269665.1
NCBI GenBank Nucleotide #	NM_001282736.1

UniProt Accession #	Q6UX71; Q96E59; Q96PD9; Q96SU9
Molecular Weight	16,423 Da
NCBI Official Full Name	plexin domain-containing protein 2 isoform 2
NCBI Official Synonym Full Names	plexin domain containing 2
NCBI Official Symbol	PLXDC2
NCBI Official Synonym Symbols	TEM7R
NCBI Protein Information	plexin domain-containing protein 2
UniProt Protein Name	Plexin domain-containing protein 2
UniProt Gene Name	PLXDC2
UniProt Synonym Gene Names	TEM7R

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://www.aaabiotech.com/plxdc2-human-elisa-kits/plexin-domain-containing-protein-2/55515>