

Human Plexin-A2 ELISA Kit | PLXNA2 elisa kit

Human PLXNA2 (Plexin-A2) ELISA Kit

CATALOG #
AAA171409

REACTIVITY
Human

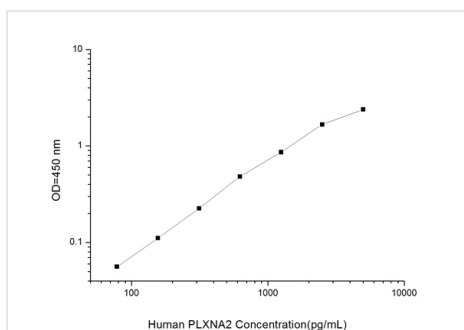
PRODUCT SYNONYMS

Plexin-A2; Human PLXNA2 (Plexin-A2) ELISA Kit; PLXNA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human PLXNA2 in samples. No significant cross-reactivity or interference between Human PLXNA2 and analogues was observed.
Sequence Length	1894
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	78.13-5000pg/mL
Sensitivity	46.88pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human PLXNA2 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human PLXNA2 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLXNA2 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human PLXNA2. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human PLXNA2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human PLXNA2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human PLXNA2. You can calculate the concentration of Human PLXNA2 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human PLXNA2 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	113722116
NCBI GeneID	5362
NCBI Accession #	NP_079455.3
NCBI GenBank Nucleotide #	NM_025179.3
Molecular Weight	61,649 Da
NCBI Official Full Name	plexin-A2
NCBI Official Synonym Full Names	plexin A2
NCBI Official Symbol	PLXNA2
NCBI Official Synonym Symbols	OCT; PLXN2
NCBI Protein Information	plexin-A2
UniProt Protein Name	Plexin-A2
UniProt Gene Name	PLXNA2
UniProt Synonym Gene Names	KIAA0463; OCT; PLXN2
UniProt Entry Name	PLXA2_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.