

Hamster phospholipase B domain containing 2 ELISA Kit | PLBD2 elisa kit

Hamster Putative phospholipase B-like 2, PLBD2 ELISA Kit

CATALOG #
AAA18294

REACTIVITY
Hamster

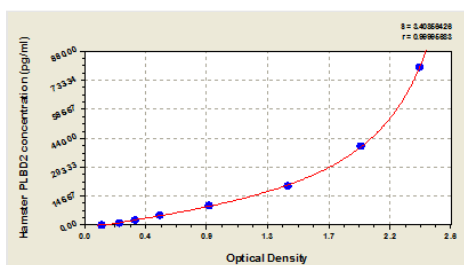
PRODUCT SYNONYMS

phospholipase B domain containing 2; Hamster Putative phospholipase B-like 2; PLBD2 ELISA Kit; Hamster Putative phospholipase B-like 2 (PLBD2) ELISA kit; P76; LAMA-like protein 2; PLB homolog 2; lamina ancestor homolog 2; mannose-6-phosphate protein associated protein p76; phospholipase B-like 2 32 kDa form; phospholipase B-like 2 45 kDa form; PLBD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Hamster
Specificity	This assay has high sensitivity and excellent specificity for detection of hamster PLBD2. No significant cross-reactivity or interference between hamster PLBD2 and analogues was observed.
Sequence Length	589
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and cell lysates
Detection Range	12.5 pg/ml-800 pg/ml
Sensitivity	< 3.12 pg/ml
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 PLBD2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PLBD2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PLBD2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PLBD2 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 PLBD2 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 #	229093316
NCBI GeneID	196463
NCBI Accession #	NP_775813.2
NCBI GenBank Nucleotide #	NM_173542.3
UniProt Accession #	Q8NHP8; F5H5E2
Molecular Weight	61,885 Da
NCBI Official Full Name	putative phospholipase B-like 2 isoform 1
NCBI Official Synonym Full Names	phospholipase B domain containing 2
NCBI Official Symbol	PLBD2
NCBI Official Synonym Symbols	P76
NCBI Protein Information	putative phospholipase B-like 2; PLB homolog 2; 76 kDa protein; LAMA-like protein 2; lamina ancestor homolog 2; phospholipase B-like 2 32 kDa form; phospholipase B-like 2 45 kDa form; phospholipase B domain-containing protein 2; mannose-6-phosphate protein associated protein p76
UniProt Protein Name	Putative phospholipase B-like 2
UniProt Gene Name	PLBD2
UniProt Synonym Gene Names	p76
UniProt Entry Name	PLBL2_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.

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Online datasheet: <https://stage.aaabiotech.com/plbd2-hamster-elisa-kits/phospholipase-b-domain-containing-2/18294>