

Mouse Lipid phosphate phosphatase-related protein type 4 ELISA Kit | Lppr4 elisa kit

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CATALOG #
AAA56211

REACTIVITY
Mouse

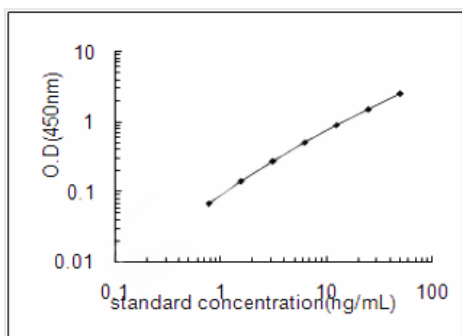
PRODUCT SYNONYMS

Lipid phosphate phosphatase-related protein type 4; Mouse Lipid phosphate phosphatase-related protein type 4 ELISA Kit; Lppr4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Lipid phosphate phosphatase-related protein type 4. No significant cross-reactivity or interference was observed.
Sequence Length	763
Assay Type	Sandwich
Detection Range	0.78-50 ng/ml
Sensitivity	0.39 ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=6.6%
Recovery	83%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Lppr4 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Lipid phosphate phosphatase-related protein type 4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Lipid phosphate phosphatase-related protein type 4 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Lipid phosphate phosphatase-related protein type 4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Lipid phosphate phosphatase-related protein type 4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170295814
NCBI GeneID	229791
NCBI Accession #	NP_808332.3
NCBI GenBank Nucleotide #	NM_177664.5
UniProt Accession #	Q7TME0; Q6ZQA8; Q8BV73; Q8BXK2; Q8R3R6; B2RQ15
Molecular Weight	83,290 Da
NCBI Official Full Name	phospholipid phosphatase-related protein type 4
NCBI Official Synonym Full Names	phospholipid phosphatase related 4
NCBI Official Symbol	Pippr4
NCBI Official Synonym Symbols	Lppr4; PRG-1; mKIAA0455; A330086D10; D3Bwg0562e
NCBI Protein Information	phospholipid phosphatase-related protein type 4
UniProt Protein Name	Phospholipid phosphatase-related protein type 4
UniProt Gene Name	Pippr4
UniProt Synonym Gene Names	PRG-1
UniProt Entry Name	PLPR4_MOUSE

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/lppr4-mouse-elisa-kits/lipid-phosphate-phosphatase-related-protein-type-4/56211>