

Mouse Lysophosphatidic acid receptor 1 ELISA Kit | Lpar1 elisa kit

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CATALOG #
AAA23248

REACTIVITY
Mouse

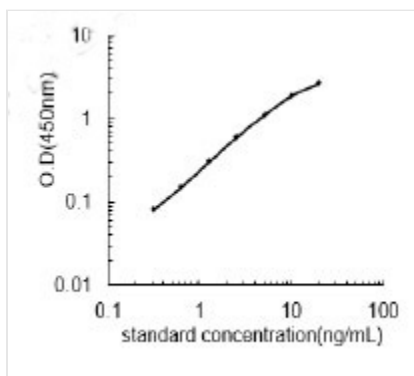
PRODUCT SYNONYMS

Lysophosphatidic acid receptor 1; Mouse Lysophosphatidic acid receptor 1 ELISA Kit; LPA receptor 1; LPA-1; Lysophosphatidic acid receptor Edg-2; Rec1.3; VZG-1; Lpar1; Edg2; Gpcr26; Lpa1; Vzg1; Lpar1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Human Polycystin-2
Sequence Length	346
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids
Detection Range	0.312-20 ng/mL
Sensitivity	<0.098 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.3%
Inter-assay Precision	Inter-Assay CV: <=7.5%
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 Lpar1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen 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 #	594191040
NCBI GeneID	14745
NCBI Accession #	NP_001277415.1
NCBI GenBank Nucleotide #	NM_001290486.1
UniProt Accession #	P61793; O88584; P56487; P70420; Q61130; A2AMJ2
Molecular Weight	39,343 Da
NCBI Official Full Name	lysophosphatidic acid receptor 1 isoform 2
NCBI Official Synonym Full Names	lysophosphatidic acid receptor 1
NCBI Official Symbol	Lpar1
NCBI Official Synonym Symbols	Edg2; Kdt2; lpA1; vzg-1; Gpcr26; AI326300
NCBI Protein Information	lysophosphatidic acid receptor 1
UniProt Protein Name	Lysophosphatidic acid receptor 1
UniProt Gene Name	Lpar1
UniProt Synonym Gene Names	; LPA receptor 1Curated; LPA-1
UniProt Entry Name	LPAR1_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/lpar1-mouse-elisa-kits/lysophosphatidic-acid-receptor-1/23248>