

Human Sphingosine-1-phosphate lyase 1 ELISA Kit | SGPL1 elisa kit

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CATALOG #
AAA191871

REACTIVITY
Human

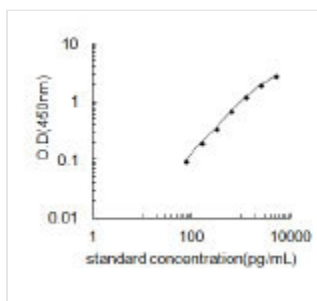
PRODUCT SYNONYMS

Sphingosine-1-phosphate lyase 1; Human Sphingosine-1-phosphate lyase 1 ELISA Kit; S1PL; SP-lyase 1; SPL 1; hSPL; Sphingosine-1-phosphate aldolase; SGPL1; KIAA1252; 4.1.2.27; SGPL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Sphingosine-1-phosphate lyase 1
Sequence Length	568
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	<36 pg/mL
Intra-assay Precision	Intra-Assay CV: <=5.8%
Inter-assay Precision	Inter-Assay CV: <=7.9%
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 SGPL1 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982936
NCBI GeneID	8879
NCBI Accession #	NP_003892.2
NCBI GenBank Nucleotide #	NM_003901.3
UniProt Accession #	O95470; Q7Z732; Q9ULG8; Q9UN89; B2RBD4
Molecular Weight	63,524 Da
NCBI Official Full Name	sphingosine-1-phosphate lyase 1
NCBI Official Synonym Full Names	sphingosine-1-phosphate lyase 1
NCBI Official Symbol	SGPL1
NCBI Official Synonym Symbols	SPL; S1PL
NCBI Protein Information	sphingosine-1-phosphate lyase 1
UniProt Protein Name	Sphingosine-1-phosphate lyase 1
UniProt Gene Name	SGPL1
UniProt Synonym Gene Names	KIAA1252; S1PL; SP-lyase 1; SPL 1; hSPL
UniProt Entry Name	SGPL1_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/sgpl1-human-elisa-kits/sphingosine-1-phosphate-lyase-1/191871>