

Mouse Sphingosine kinase 1 ELISA Kit | Sphk1 elisa kit

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CATALOG #
AAA56699

REACTIVITY
Mouse

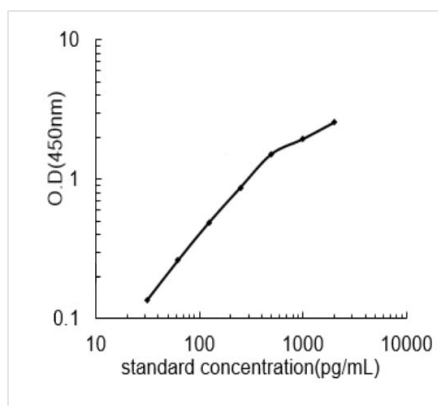
PRODUCT SYNONYMS

Sphingosine kinase 1; Mouse Sphingosine kinase 1 ELISA Kit; SK 1; SPK 1; Sphk1; 2.7.1.91; Sphk1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and nature Mouse Sphingosine kinase 1,SK 1
Sequence Length	382
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	31.2 pg/mL-2000 pg/mL
Sensitivity	< 15.75 pg/mL
Intra-assay Precision	<5.9%
Inter-assay Precision	<8.3%
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 Sphk1 elisa kit	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	289191342
NCBI GeneID	20698
NCBI Accession #	NP_001165943.1
NCBI GenBank Nucleotide #	NM_001172472.1
UniProt Accession #	Q8CI15; O88886; Q3U2E3; Q91ZN3
Molecular Weight	42,344 Da
NCBI Official Full Name	sphingosine kinase 1 isoform 2
NCBI Official Synonym Full Names	sphingosine kinase 1
NCBI Official Symbol	Sphk1
NCBI Official Synonym Symbols	Sk1; Spk1; 1110006G24Rik
NCBI Protein Information	sphingosine kinase 1
UniProt Protein Name	Sphingosine kinase 1
UniProt Gene Name	Sphk1
UniProt Synonym Gene Names	SK 1; SPK 1
UniProt Entry Name	SPHK1_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/sphk1-mouse-elisa-kits/sphingosine-kinase-1/56699>