

Human Sphingosine kinase 1 ELISA Kit | SPHK1 elisa kit

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CATALOG #
AAA57369

REACTIVITY
Human

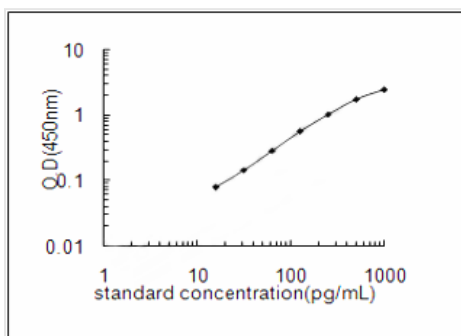
PRODUCT SYNONYMS

Sphingosine kinase 1; Human Sphingosine kinase 1 ELISA Kit; SK 1; SPK 1; SPHK1; SPHK; SPK; 2.7.1.91; SPHK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human SK 1. No significant cross-reactivity or interference was observed.
Sequence Length	384
Assay Type	Sandwich
Detection Range	15.6-1000 pg/mL
Sensitivity	7.8 pg/mL
Intra-Assay CV	<=7.4%
Inter-Assay CV	<=9.2%
Recovery	101%
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	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human SK 1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SK 1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for SK 1 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 SK 1, 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 SK 1 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 #	217272883
NCBI GeneID	8877
NCBI Accession #	NP_001136073.1
NCBI GenBank Nucleotide #	NM_001142601.1
UniProt Accession #	Q9NYA1; Q8N632; Q96GK1; Q9HD92; Q9NY70; Q9NYL3
Molecular Weight	43,944 Da
NCBI Official Full Name	sphingosine kinase 1 isoform 3
NCBI Official Synonym Full Names	sphingosine kinase 1
NCBI Official Symbol	SPHK1
NCBI Official Synonym Symbols	SPHK
NCBI Protein Information	sphingosine kinase 1
UniProt Protein Name	Sphingosine kinase 1
UniProt Gene Name	SPHK1
UniProt Synonym Gene Names	SPHK; SPK; SK 1; SPK 1
UniProt Entry Name	SPHK1_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://www.aaabiotech.com/sphk1-human-elisa-kits/sphingosine-kinase-1/57369>