

Human S1P ELISA Kit | S1P elisa kit

Human S1P (Sphingosine 1 phosphate) ELISA Kit

CATALOG #
AAA21962

REACTIVITY
Human

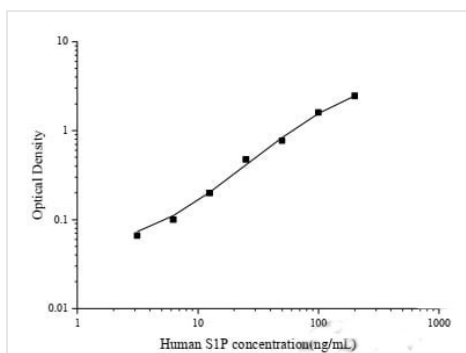
PRODUCT SYNONYMS

S1P; Human S1P (Sphingosine 1 phosphate) ELISA Kit; S1P elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human S1P in samples. No significant cross-reactivity or interference between Human S1P and analogues was observed
Sequence Length	1012
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	3.13-200 ng/mL
Sensitivity	1.88 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human S1P were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human S1P were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S1P elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human S1P. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human S1P and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human S1P, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Human S1P. You can calculate the concentration of Human S1P in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human S1P concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45550681
NCBI GeneID	40399
NCBI Accession #	NP_649337.2
NCBI GenBank Nucleotide #	NM_141080.3
Molecular Weight	114,305 Da
NCBI Official Full Name	S1P
NCBI Official Symbol	S1P
NCBI Official Synonym Symbols	CG7169; DmelCG7169; dS1P
NCBI Protein Information	CG7169 gene product from transcript CG7169-RA; CG7169-PA; S1P; S1P-PA
UniProt Protein Name	S1P
UniProt Gene Name	S1P
UniProt Entry Name	Q9VP10_DROME

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/human-elisa-kits/s1p/21962>