

Human Sphingosine 1-phosphate receptor 3 ELISA Kit | S1PR3 elisa kit

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CATALOG #
AAA190656

REACTIVITY
Human

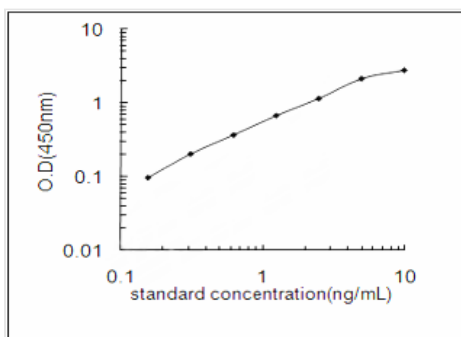
PRODUCT SYNONYMS

Sphingosine 1-phosphate receptor 3; Human Sphingosine 1-phosphate receptor 3 ELISA Kit; S1P receptor 3; S1P3; Endothelial differentiation G-protein coupled receptor 3; Sphingosine 1-phosphate receptor Edg-3; S1P receptor Edg-3; S1PR3; EDG3; S1PR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human S1P receptor 3. No significant cross-reactivity or interference was observed.
Sequence Length	378
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.078ng/mL
Intra-Assay CV	<=4.3%
Inter-Assay CV	<=9.2%
Recovery	99%
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 S1PR3 elisa kit	Intended Uses This immunoassay kit allows for the in vitro quantitative determination of human S1P receptor 3 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 S1P receptor 3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for S1P receptor 3 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 S1P receptor 3, 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 S1P receptor 3 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 #	38788193
NCBI GeneID	1903
NCBI Accession #	NP_005217.2
NCBI GenBank Nucleotide #	NM_005226.3
UniProt Accession #	Q99500; Q5SQD8; Q7Z5I2
Molecular Weight	42,250 Da
NCBI Official Full Name	sphingosine 1-phosphate receptor 3
NCBI Official Synonym Full Names	sphingosine-1-phosphate receptor 3
NCBI Official Symbol	S1PR3
NCBI Official Synonym Symbols	EDG3; LPB3; S1P3; EDG-3
NCBI Protein Information	sphingosine 1-phosphate receptor 3
UniProt Protein Name	Sphingosine 1-phosphate receptor 3
UniProt Gene Name	S1PR3
UniProt Synonym Gene Names	EDG3; S1P receptor 3; S1P3; S1P receptor Edg-3
UniProt Entry Name	S1PR3_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/s1pr3-human-elisa-kits/sphingosine-1-phosphate-receptor-3/190656>