

Human Sphingosine 1-phosphate receptor 5 ELISA Kit | S1PR5 elisa kit

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CATALOG #
AAA101034

REACTIVITY
Human

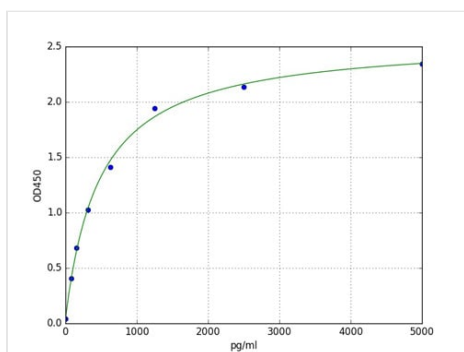
PRODUCT SYNONYMS

Sphingosine 1-phosphate receptor 5; Human Sphingosine 1-phosphate receptor 5 ELISA Kit; S1PR5/EDG8/LPB4/SPPR-1/SPPR-2/Edg-8/Endothelial differentiation G-protein-coupled receptor 8/S1P receptor 5/sphingosine 1-phosphate receptor 5/sphingosine 1-phosphate receptor Sphingosine 1-phosphate receptor Edg-8; S1PR5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	398
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human S1PR5 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.006	0.232	0.411	0.773	1.359	1.758	1.976	2.483

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S1PR5 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human S1PR5 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human S1PR5 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human S1PR5 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human S1PR5 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	261278306
NCBI GeneID	53637
NCBI Accession #	NP_001159687.1
NCBI GenBank Nucleotide #	NM_001166215.1
Molecular Weight	32,279 Da
NCBI Official Full Name	sphingosine 1-phosphate receptor 5
NCBI Official Synonym Full Names	sphingosine-1-phosphate receptor 5
NCBI Official Symbol	S1PR5
NCBI Official Synonym Symbols	EDG8; S1P5; Edg-8; SPPR-1; SPPR-2
NCBI Protein Information	sphingosine 1-phosphate receptor 5
UniProt Protein Name	Sphingosine 1-phosphate receptor 5
UniProt Gene Name	S1PR5
UniProt Synonym Gene Names	EDG8; S1P receptor 5; S1P5; S1P receptor Edg-8
UniProt Entry Name	S1PR5_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/s1pr5-human-elisa-kits/sphingosine-1-phosphate-receptor-5/101034>