

Human Sphingosine 1-phosphate receptor 4 ELISA Kit | S1PR4 elisa kit

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CATALOG #
AAA99416

REACTIVITY
Human

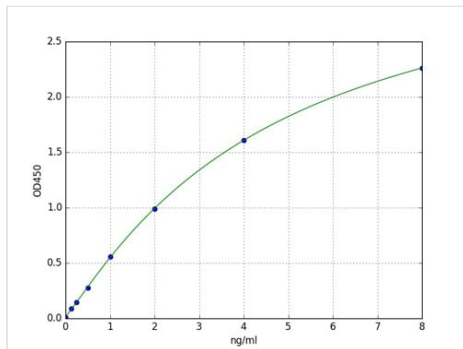
PRODUCT SYNONYMS

Sphingosine 1-phosphate receptor 4; Human Sphingosine 1-phosphate receptor 4 ELISA Kit; S1PR4/EDG6/SLP4/Endothelial differentiation G-protein coupled receptor 6/S1P receptor 4/S1P4LPC1/sphingosine 1-phosphate receptor 4/Sphingosine 1-phosphate receptor Edg-6/sphingosine-1-phosphate receptor 4; S1PR4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	384
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	125-8000pg/ml
Sensitivity	75pg/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



Results of a typical standard run of a Human S1PR4 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	125	250	500	1000	2000	4000	8000
Y	OD450	0.065	0.128	0.193	0.328	0.626	0.919	1.700	2.216

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S1PR4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human S1PR4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human S1PR4 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 S1PR4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human S1PR4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503459
NCBI GeneID	8698
NCBI Accession #	NP_003766.1
NCBI GenBank Nucleotide #	NM_003775.3
Molecular Weight	41,623 Da
NCBI Official Full Name	sphingosine 1-phosphate receptor 4
NCBI Official Synonym Full Names	sphingosine-1-phosphate receptor 4
NCBI Official Symbol	S1PR4
NCBI Official Synonym Symbols	EDG6; LPC1; S1P4; SLP4
NCBI Protein Information	sphingosine 1-phosphate receptor 4
UniProt Protein Name	Sphingosine 1-phosphate receptor 4
UniProt Gene Name	S1PR4
UniProt Synonym Gene Names	EDG6; S1P receptor 4; S1P4; S1P receptor Edg-6
UniProt Entry Name	S1PR4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/s1pr4-human-elisa-kits/sphingosine-1-phosphate-receptor-4/99416>