

Mouse Sphingosine 1-phosphate receptor 2 ELISA Kit | S1PR2 elisa kit

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CATALOG #
AAA99251

REACTIVITY
Mouse

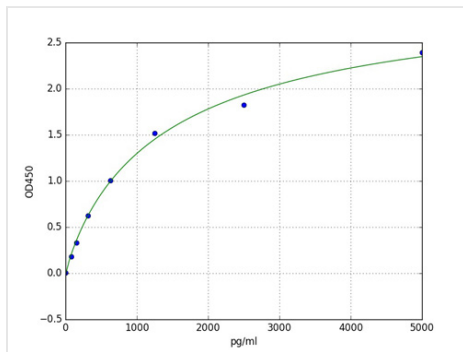
PRODUCT SYNONYMS

Sphingosine 1-phosphate receptor 2; Mouse Sphingosine 1-phosphate receptor 2 ELISA Kit; S1PR2/AGR16/EDG5/GPCR13/GPCR18/H218/LPB2/S1PR2/AGR16/EDG5/EDG-5/endothelial differentiation G-protein coupled receptor 5/endothelial differentiation; sphingolipid G-protein-coupled receptor; 5/Gpcr13/H218/LPB2/S1P receptor 2/S1P receptor EDG5/S1P receptor Edg-5/S1P2/sphingosine 1-phosphate receptor 2/sphingosine 1-phosphate receptor Edg-5/sphingosine-1-phosphate receptor 2; S1PR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	353
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 Mouse S1PR2 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	0.032	0.533	0.854	0.931	1.707	2.098	2.554	2.376

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S1PR2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse S1PR2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse S1PR2 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. HRP-Streptavidin 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 Mouse S1PR2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse S1PR2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	134244587
NCBI GeneID	9294
NCBI Accession #	NP_004221.3
NCBI GenBank Nucleotide #	NM_004230.3
Molecular Weight	38,867 Da
NCBI Official Full Name	sphingosine 1-phosphate receptor 2
NCBI Official Synonym Full Names	sphingosine-1-phosphate receptor 2
NCBI Official Symbol	S1PR2
NCBI Official Synonym Symbols	EDG5; H218; LPB2; S1P2; AGR16; EDG-5; Gpcr13
NCBI Protein Information	sphingosine 1-phosphate receptor 2
UniProt Protein Name	Sphingosine 1-phosphate receptor 2
UniProt Gene Name	S1PR2
UniProt Synonym Gene Names	EDG5; S1P receptor 2; S1P2; S1P receptor Edg-5
UniProt Entry Name	S1PR2_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/s1pr2-mouse-elisa-kits/sphingosine-1-phosphate-receptor-2/99251>