

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

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CATALOG #
AAA99867

REACTIVITY
Human

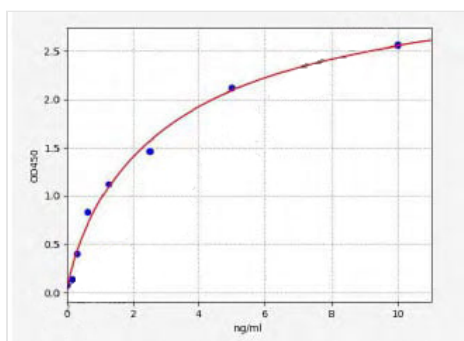
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of S1PR2. No significant cross-reactivity or interference between S1PR2 and analogues was observed.
Sequence Length	353
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

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. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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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.

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Online datasheet: <https://stage.aaabiotech.com/s1pr2-human-elisa-kits/sphingosine-1-phosphate-receptor-2/99867>