

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

Human Sphingosine 1-phosphate receptor 3 ELISA Kit

CATALOG #
AAA97995

REACTIVITY
Human

PRODUCT SYNONYMS

Sphingosine 1-phosphate receptor 3; Human Sphingosine 1-phosphate receptor 3 ELISA Kit; S1PR3/EDG3/LPB3/S1P3/EDG-3/Endothelial differentiation G-protein coupled receptor 3/S1P receptor 3/S1P receptor EDG3/S1P receptor Edg-3/sphingosine 1-phosphate receptor 3/Sphingosine 1-phosphate receptor Edg-3; S1PR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of S1PR3 . No significant cross-reactivity or interference between S1PR3 and analogues was observed.
Sequence Length	378
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level S1PR3 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level S1PR3 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: 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

Typical Data & Standard Curve

Results of a typical standard run of a S1PR3 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	ng/ml	0	0.156	0.312	0.625	1.25	2.5	5	10
Y	OD450	0.023	0.09	0.175	0.312	0.46	0.903	1.577	2.111

Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	38788193
NCBI GeneID	1903
NCBI Accession #	NP_005217.2
NCBI GenBank Nucleotide #	NM_005226.3
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/s1pr3-human-elisa-kits/sphingosine-1-phosphate-receptor-3/97995>