

Human Stomatin Like Protein 2 (STOML2) ELISA Kit | STOML2 elisa kit

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CATALOG #
AAA188260

REACTIVITY
Human

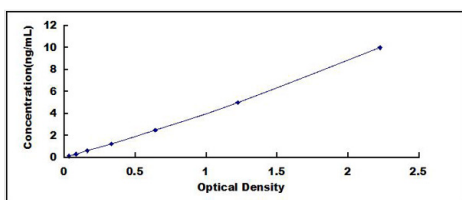
PRODUCT SYNONYMS

Stomatin Like Protein 2 (STOML2); Human Stomatin Like Protein 2 (STOML2) ELISA Kit; SLP-2; Paratarg-7; EPB72-like protein 2; Paraprotein target 7; STOML2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Stomatin Like Protein 2 (STOML2). No significant cross-reactivity or interference between Stomatin Like Protein 2 (STOML2) and analogues was observed.
Sequence Length	356
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.055ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Stomatin Like Protein 2 (STOML2) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Stomatin Like Protein 2 (STOML2) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STOML2 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Stomatin Like Protein 2 (STOML2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Stomatin Like Protein 2 (STOML2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Stomatin Like Protein 2 (STOML2), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Stomatin Like Protein 2 (STOML2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7305503
NCBI Accession #	NP_038470.1
NCBI GenBank Nucleotide #	NP_038470.1
UniProt Accession #	Q9UJZ1
NCBI Official Full Name	stomatin-like protein 2, mitochondrial isoform a
UniProt Protein Name	Stomatin-like protein 2, mitochondrial
UniProt Gene Name	STOML2
UniProt Synonym Gene Names	SLP2; SLP-2; Paratarg-7
UniProt Entry Name	STML2_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/human-elisa-kits/stomatin-like-protein-2-stoml2/188260>