

Human Stomatin Like Protein 2 ELISA Kit | SLP 2 elisa kit

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CATALOG #
AAA83022

REACTIVITY
Human

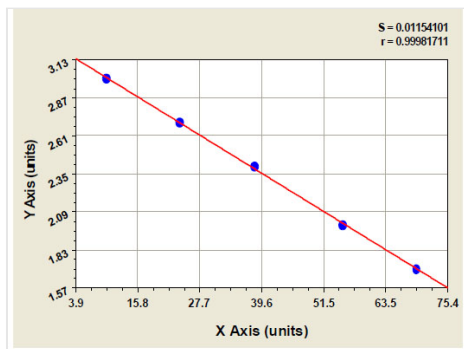
PRODUCT SYNONYMS

Stomatin Like Protein 2; Human Stomatin Like Protein 2 ELISA Kit; SLP 2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This BG SLP-2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SLP-2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLP 2 elisa kit

Principle of the Assay: SLP-2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SLP-2 antibody and an SLP-2-HRP conjugate. The assay sample and buffer are incubated together with SLP-2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SLP-2 concentration since SLP-2 from samples and SLP-2-HRP conjugate compete for the anti-SLP-2 antibody binding site. Since the number of sites is limited, as more sites are occupied by SLP-2 from the sample, fewer sites are left to bind SLP-2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SLP-2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9652259
Molecular Weight	33,337 Da
NCBI Official Full Name	stomatin-like protein 2
UniProt Protein Name	Stomatin-like protein 2, mitochondrial
UniProt Gene Name	STOML2
UniProt Synonym Gene Names	SLP2; HSPC108; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/slp-2-human-elisa-kits/stomatin-like-protein-2/83022>