

Human Synaptotagmin Like Protein 2 (SYTL2) ELISA Kit | SYTL2 elisa kit

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CATALOG #
AAA67504

REACTIVITY
Human

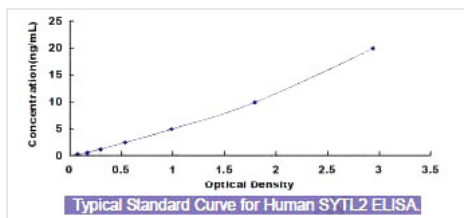
PRODUCT SYNONYMS

Synaptotagmin Like Protein 2 (SYTL2); Human Synaptotagmin Like Protein 2 (SYTL2) ELISA Kit; CHR11SYT; SGA72M; SLP2; Exophilin-4; Breast Cancer-Associated Antigen SGA-72M; SYTL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SYTL2. No significant cross-reactivity or interference between SYTL2 and analogues was observed.
Sequence Length	934
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.113ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SYTL2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SYTL2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SYTL2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SYTL2 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SYTL2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SYTL2. 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 SYTL2, 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 SYTL2 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 #	244790013
NCBI GeneID	54843
NCBI Accession #	NP_001156423.1
NCBI GenBank Nucleotide #	NM_001162951.2
UniProt Accession #	Q9HCH5; Q2YDA7; Q6TV07; Q6ZN59; Q6ZVC5; B3KRS3; B4DJT5; B4DKW3; B4DQ26; B7SA85; B7ZLX6; B7ZLX7
Molecular Weight	84,651 Da
NCBI Official Full Name	synaptotagmin-like protein 2 isoform g
NCBI Official Synonym Full Names	synaptotagmin like 2
NCBI Official Symbol	SYTL2
NCBI Official Synonym Symbols	EXO4; SLP2; SLP2A; SGA72M; CHR11SYT; PPP1R151
NCBI Protein Information	synaptotagmin-like protein 2
UniProt Protein Name	Synaptotagmin-like protein 2
UniProt Gene Name	SYTL2
UniProt Synonym Gene Names	KIAA1597; SGA72M; SLP2; SLP2A

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/synaptotagmin-like-protein-2-sytl2/67504>