

Human Synaptotagmin-10 (SYT10) ELISA Kit | SYT10 elisa kit

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CATALOG #
AAA330639

REACTIVITY
Human

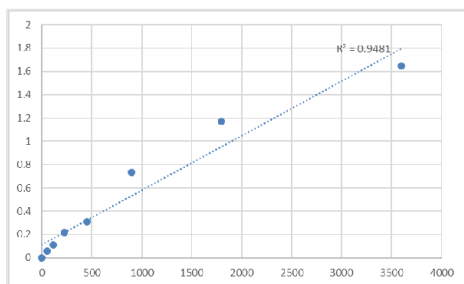
PRODUCT SYNONYMS

Synaptotagmin-10 (SYT10); Human Synaptotagmin-10 (SYT10) ELISA Kit; SYT10; MGC119436; MGC119437; synaptotagmin 10; SYT10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Synaptotagmin-10 (SYT10) ELISA Kit has high sensitivity and excellent specificity for detection of Human SYT10. No significant cross-reactivity or interference between Human SYT10 and analogues was observed.
Sequence Length	523
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Synaptotagmin-10 (SYT10) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SYT10 elisa kit	Description: This Human Synaptotagmin-10 (SYT10) ELISA Kit employs a two-site sandwich ELISA to quantitate SYT10 in samples. An antibody specific for SYT10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SYT10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SYT10 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SYT10 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Synaptotagmin-10 (SYT10) belongs to the synaptotagmin family, which is a group of membrane-trafficking proteins that contain two C-terminal C2 domains. SYT10 localises to olfactory bulb and controls the Ca(2+)-dependent exocytosis that is spatially and temporally distinct from Ca(2+)-dependent synaptic vesicle exocytosis controlled by SYT1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	39752671
NCBI GeneID	341359
NCBI Accession #	NP_945343.1
NCBI GenBank Nucleotide #	NP_945343.1
UniProt Accession #	Q6XYQ8
NCBI Official Full Name	synaptotagmin-10
NCBI Official Synonym Full Names	synaptotagmin 10
NCBI Official Symbol	SYT10
NCBI Protein Information	synaptotagmin-10
UniProt Protein Name	Synaptotagmin-10
UniProt Gene Name	SYT10
UniProt Synonym Gene Names	SytX
UniProt Entry Name	SYT10_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.