

Mouse Synaptotagmin-7 (SYT7) ELISA Kit | SYT7 elisa kit

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CATALOG #
AAA332319

REACTIVITY
Mouse

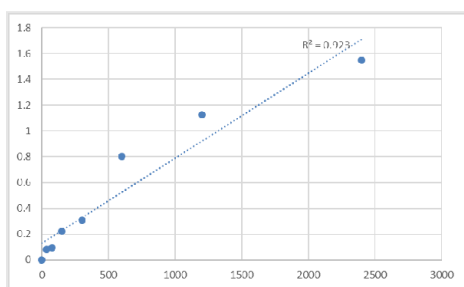
PRODUCT SYNONYMS

Synaptotagmin-7 (SYT7); Mouse Synaptotagmin-7 (SYT7) ELISA Kit; SYT7; IPCA-7; MGC150517; PCANAP7; SYT-VII; prostate cancer associated protein 7; synaptotagmin 7; SYT7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Synaptotagmin-7 (SYT7) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse SYT7. No significant cross-reactivity or interference between Mouse SYT7 and analogues was observed.
Sequence Length	403
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. Mouse Synaptotagmin-7 (SYT7) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SYT7 elisa kit	Description: This Mouse Synaptotagmin-7 (SYT7) ELISA Kit employs a two-site sandwich ELISA to quantitate SYT7 in samples. An antibody specific for SYT7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SYT7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SYT7 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 SYT7 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: SYT7 is a member of the synaptotagmin gene family and encodes a protein similar to other family members that mediate calcium-dependent regulation of membrane trafficking in synaptic transmission. A similar protein in rodents mediates hormone secretion and lysosome exocytosis. In humans, expression of SYT7 has been associated with prostate cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for SYT7.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9055364
NCBI GeneID	54525
NCBI Accession #	NP_061271.1
NCBI GenBank Nucleotide #	NP_061271.1
UniProt Accession #	Q9R0N7
NCBI Official Full Name	synaptotagmin-7 isoform alpha
NCBI Official Synonym Full Names	synaptotagmin VII
NCBI Official Symbol	Syt7
NCBI Official Synonym Symbols	AI851541; B230112P13Rik
NCBI Protein Information	synaptotagmin-7
UniProt Protein Name	Synaptotagmin-7
UniProt Gene Name	Syt7
UniProt Synonym Gene Names	SytVII
UniProt Entry Name	SYT7_MOUSE

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.