

Human serine palmitoyl transferase (SPT) ELISA Kit | SPT elisa kit

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CATALOG #
AAA22784

REACTIVITY
Human

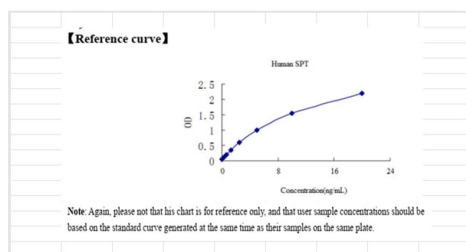
PRODUCT SYNONYMS

serine palmitoyl transferase (SPT); Human serine palmitoyl transferase (SPT) ELISA Kit; SPT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	143
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPT elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human SPT monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30474871
NCBI GeneID	10558

NCBI GenBank Nucleotide #	NP_847894.1
UniProt Accession #	O15269
NCBI Official Full Name	serine palmitoyltransferase 1 isoform b
NCBI Official Synonym Full Names	serine palmitoyltransferase long chain base subunit 1
NCBI Official Symbol	SPTLC1
NCBI Official Synonym Symbols	HSN1; LBC1; LCB1; SPT1; SPTI; HSN1
NCBI Protein Information	serine palmitoyltransferase 1
UniProt Protein Name	Serine palmitoyltransferase 1
UniProt Gene Name	SPTLC1
UniProt Synonym Gene Names	LCB1; LCB 1; SPT 1; SPT1
UniProt Entry Name	SPTC1_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://www.aaabiotech.com/human-elisa-kits/serine-palmitoyl-transferase-spt/22784>