

Human Sphingosine, SPH ELISA Kit | SPH elisa kit

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CATALOG #
AAA180272

REACTIVITY
Human

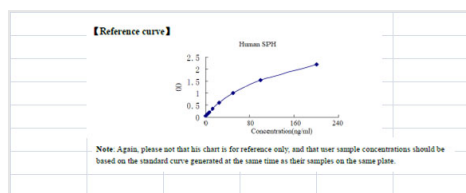
PRODUCT SYNONYMS

Sphingosine; SPH; Human Sphingosine; SPH ELISA Kit; SPH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Samples	Human serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	200 ng/mL-3.12 ng/mL
Sensitivity	Up to 0.6 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 SPH 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 SPH 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 #	42779823
NCBI GeneID	2751530

NCBI Accession #	NP_977070.1
NCBI GenBank Nucleotide #	NC_003909.8
UniProt Accession #	Q73DG7
Molecular Weight	42,338 Da
NCBI Official Full Name	sphingomyelinase C
NCBI Official Symbol	spH
NCBI Protein Information	sphingomyelinase C
UniProt Protein Name	Sphingomyelinase C
UniProt Gene Name	spH
UniProt Synonym Gene Names	BCE_0745
UniProt Entry Name	Q73DG7_BACC1

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/sphingosine-sph/180272>