

Human Sphingosine (SPH) ELISA Kit | SPH elisa kit

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CATALOG #
AAA330743

REACTIVITY
Human

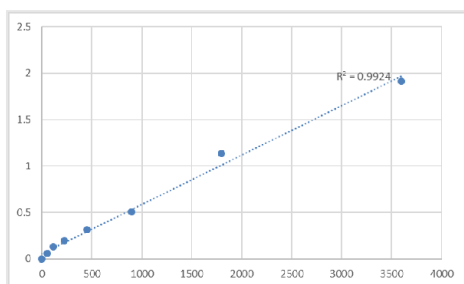
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Sphingosine (SPH) ELISA Kit has high sensitivity and excellent specificity for detection of Human SPH. No significant cross-reactivity or interference between Human SPH and analogues was observed.
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 Sphingosine (SPH) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SPH elisa kit	Description: This Human Sphingosine (SPH) ELISA Kit employs a two-site sandwich ELISA to quantitate SPH in samples. An antibody specific for SPH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPH 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 SPH bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Sphingosine (2-amino-4-octadecene-1,3-diol) is an 18-carbon amino alcohol with an unsaturated hydrocarbon chain, which forms a primary part of sphingolipids, a class of cell membrane lipids that include sphingomyelin, an important phospholipid.
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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/sphingosine-sph/330743>