

Human Sterol carrier protein 2 ELISA Kit | SCP2 elisa kit

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CATALOG #
AAA86773

REACTIVITY
Human

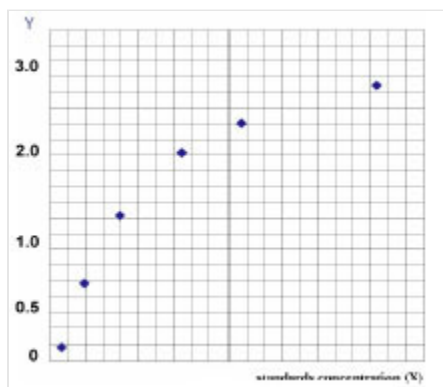
PRODUCT SYNONYMS

Sterol carrier protein 2; Human Sterol carrier protein 2 ELISA Kit; SCP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500 ?mol/L
Sensitivity	1.0 ?mol/L
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCP2 elisa kit	Intended Uses: This SREBP ELISA kit is intended Laboratory for research use only.The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of SREBP in the sample, this SREBP ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus SREBP concentration. The concentration of SREBP in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This SREBP enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for SREBP. Standards or samples are then added to the microtiter plate wells and SREBP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of SREBP present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for SREBP are added to each well to "sandwich" the SREBP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that contain SREBP and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	263551
NCBI GeneID	6342
Molecular Weight	56,497 Da
NCBI Official Full Name	sterol carrier protein 2
NCBI Official Synonym Full Names	sterol carrier protein 2
NCBI Official Symbol	SCP2
NCBI Official Synonym Symbols	NLTP; SCPX; SCP-2; SCP-X; NSL-TP; SCP-CHI
NCBI Protein Information	non-specific lipid-transfer protein; sterol carrier protein X; propanoyl-CoA C-acyltransferase
UniProt Protein Name	Non-specific lipid-transfer protein
UniProt Gene Name	SCP2
UniProt Synonym Gene Names	NSL-TP; SCP-2; SCP-X
UniProt Entry Name	NLTP_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.