

Human Secretory Carrier-Associated Membrane Protein 3 (SCAMP3) ELISA Kit | SCAMP3 elisa kit

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CATALOG # AAA219785	REACTIVITY Human
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PRODUCT SYNONYMS

Secretory Carrier-Associated Membrane Protein 3 (SCAMP3); Human Secretory Carrier-Associated Membrane Protein 3 (SCAMP3) ELISA Kit; C1orf3; PROPIN1; SCAMP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SCAMP3. No significant cross-reactivity or interference between SCAMP3 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.062ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SCAMP3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SCAMP3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCAMP3 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SCAMP3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SCAMP3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SCAMP3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of SCAMP3 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of SCAMP3 in human serum, plasma, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16445419
NCBI GeneID	10067
NCBI Accession #	NP_005689.2
NCBI GenBank Nucleotide #	NM_005698.3
UniProt Accession #	O14828; O15128; Q96FR8; Q9BPY0; A9Z1W6; B1AVS6
Molecular Weight	35,202 Da
NCBI Official Full Name	secretory carrier-associated membrane protein 3 isoform 1
NCBI Official Synonym Full Names	secretory carrier membrane protein 3
NCBI Official Symbol	SCAMP3
NCBI Official Synonym Symbols	C1orf3
NCBI Protein Information	secretory carrier-associated membrane protein 3; propin 1
UniProt Protein Name	Secretory carrier-associated membrane protein 3
UniProt Gene Name	SCAMP3
UniProt Synonym Gene Names	C1orf3; PROPIN1
UniProt Entry Name	SCAM3_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.