

Human Scavenger Receptor Class A Member 3 (SCARA3) ELISA Kit | SCARA3 elisa kit

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CATALOG #
AAA68678

REACTIVITY
Human

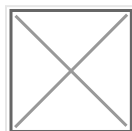
PRODUCT SYNONYMS

Scavenger Receptor Class A Member 3 (SCARA3); Human Scavenger Receptor Class A Member 3 (SCARA3) ELISA Kit; CSR1; CSR; MSLR1; APC7; MSRL1; Macrophage Scavenger Receptor-Like 1; Cellular stress response gene protein; SCARA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SCARA3. No significant cross-reactivity or interference between SCARA3 and analogues was observed.
Sequence Length	606
Samples	Tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	<0.34ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SCARA3 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 SCARA3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCARA3 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of SCARA3 in human tissue homogenates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SCARA3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SCARA3. 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 SCARA3, 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 SCARA3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33598924
NCBI GeneID	51435
NCBI Accession #	NP_057324.2
NCBI GenBank Nucleotide #	NM_016240.2
UniProt Accession #	Q6AZY7; Q9UM15; Q9UM16
Molecular Weight	52,434 Da
NCBI Official Full Name	scavenger receptor class A member 3 isoform 1
NCBI Official Synonym Full Names	scavenger receptor class A member 3
NCBI Official Symbol	SCARA3
NCBI Official Synonym Symbols	CSR; APC7; CSR1; MSLR1; MSRL1
NCBI Protein Information	scavenger receptor class A member 3
UniProt Protein Name	Scavenger receptor class A member 3
UniProt Gene Name	SCARA3
UniProt Synonym Gene Names	CSR

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/scavenger-receptor-class-a-member-3-scara3/68678>