

Mouse Scavenger Receptor Class B Member 1 ELISA Kit | SRB1 elisa kit

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CATALOG #
AAA247367

REACTIVITY
Mouse

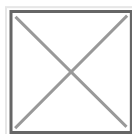
PRODUCT SYNONYMS

Scavenger Receptor Class B Member 1; Mouse Scavenger Receptor Class B Member 1 ELISA Kit; SRB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SCARB1. No significant cross-reactivity or interference between SCARB1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SCARB1 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	509
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SRB1 elisa kit	Principle of the Assay: SCARB1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-SCARB1 antibody and an SCARB1-HRP conjugate. The assay sample and buffer are incubated together with SCARB1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SCARB1 concentration since SCARB1 from samples and SCARB1-HRP conjugate compete for the anti-SCARB1 antibody binding site. Since the number of sites is limited, as more sites are occupied by SCARB1 from the sample, fewer sites are left to bind SCARB1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SCARB1 concentration in each sample is interpolated from this standard curve. Intended Uses: This SCARB1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse SCARB1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for SRB1 elisa kit	Signal Transduction; Cancer; Cardiovascular; Metabolism; Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	13928730
NCBI GeneID	25073
NCBI Accession #	NP_113729.1
NCBI GenBank Nucleotide #	NM_031541.1
UniProt Accession #	P97943
Molecular Weight	56,957 Da
NCBI Official Full Name	scavenger receptor class B member 1
NCBI Official Synonym Full Names	scavenger receptor class B, member 1
NCBI Official Symbol	Scarb1
NCBI Official Synonym Symbols	Srb1; SR-B1; Cd36l1
NCBI Protein Information	scavenger receptor class B member 1
UniProt Protein Name	Scavenger receptor class B member 1
UniProt Gene Name	Scarb1
UniProt Synonym Gene Names	SRB1

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/srb1-mouse-elisa-kits/scavenger-receptor-class-b-member-1/247367>