Human Scavenger Receptor Class B Member 1 (SCARB1) ELISA Kit | SCARB1 elisa kit

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CATALOG #	REACTIVITY
AAA330950	**Human**

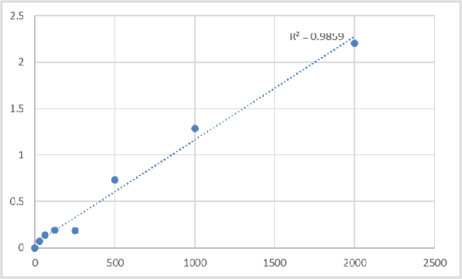
PRODUCT SYNONYMS

Scavenger Receptor Class B Member 1 (SCARB1); Human Scavenger Receptor Class B Member 1 (SCARB1) ELISA Kit; SCARB1; CD36L1; CLA-1; CLA1; MGC138242; SR-BI; SRB1; CD36 antigen (collagen type I receptor; thrombospondin receptor)-like 1; CD36 antigen-like 1; scavenger receptor class B type 1; scavenger receptor class B; SCARB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Scavenger receptor class B member 1 (SCARB1) ELISA Kit has high sensitivity and excellent specificity for detection of Human SCARB1. No significant cross-reactivity or interference between Human SCARB1 and analogues was observed.
Sequence Length	552
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 Scavenger receptor class B member 1 (SCARB1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SCARB1 elisa kit	Description: This Human Scavenger receptor class B member 1 (SCARB1) ELISA Kit employs a two-site sandwich ELISA to quantitate SCARB1 in samples. An antibody specific for SCARB1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SCARB1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SCARB1 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 SCARB1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Using degenerate PCR, Calvo and Vega (1993) isolated a novel sequence closely related to both the CD36 thrombospondin/collagen receptor and to lysosomal integral membrane protein II (LIMPII). This novel gene was termed CLA1 for 'CD36 and LIMPII analogous-1.' Calvo and Vega (1993) isolated 2 alternatively spliced CLA1 cDNAs predicting proteins of 409 and 509 amino acids from a human placenta cDNA library. Calvo and Vega (1993) stated that the full-length CLA1 sequence predicts a glycoprotein having 2 transmembrane domains, 2 short cytoplasmic tails, and a large extracellular loop. They used Immunofluorescence to show that the protein is found on the plasma membrane. Northern blot analysis revealed a 2.9-kb mRNA in several cell lines.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37999904
NCBI GeneID	949
UniProt Accession #	Q8WTV0
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	CLA1; SRB1; CLA-1; SR-BI; CD36L1; HDLQTL6
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	CD36L1; CLA1; SRB1; CLA-1
UniProt Entry Name	SCRB1_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.

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Online datasheet: https://www.aaabiotech.com/human-elisa-kits/scavenger-receptor-class-b-member-1-scarb1/330950