

Human macrophage scavenger receptor 1 ELISA Kit | MSR1 elisa kit

Human Macrophage scavenger receptor types I and II, MSR1 ELISA Kit

CATALOG #
AAA112673

REACTIVITY
Human

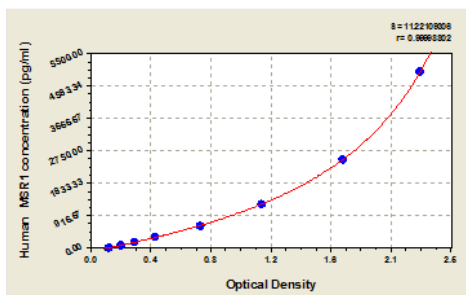
PRODUCT SYNONYMS

macrophage scavenger receptor 1; Human Macrophage scavenger receptor types I and II; MSR1 ELISA Kit; Human Macrophage scavenger receptor types I and II (MSR1) ELISA kit; CD204; SCARA1; SR-A; pHSR1; pHSR2; OTTHUMP00000120049; macrophage acetylated LDL receptor I and II; macrophage scavenger receptor type III; scavenger receptor class A; member 1; MSR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MSR1. No significant cross-reactivity or interference between Human MSR1 and analogues was observed.
Sequence Length	451
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	78 pg/ml-5000 pg/ml
Sensitivity	19.5 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 3	Endocytosis
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MSR1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MSR1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MSR1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MSR1 is added to the wells. After washing, avidin 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 MSR1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505259
NCBI GeneID	4481
NCBI Accession #	NP_002436.1
NCBI GenBank Nucleotide #	NM_002445.3
UniProt Accession #	P21757; O60505; P21759; Q45F10; D3DSP3
Molecular Weight	49,762 Da
NCBI Official Full Name	macrophage scavenger receptor types I and II isoform type 2
NCBI Official Synonym Full Names	macrophage scavenger receptor 1
NCBI Official Symbol	MSR1
NCBI Official Synonym Symbols	SRA; SR-A; CD204; phSR1; phSR2; SCARA1
NCBI Protein Information	macrophage scavenger receptor types I and II; scavenger receptor class A member 1; scavenger receptor class A, member 1; macrophage scavenger receptor type III; macrophage acetylated LDL receptor I and II
UniProt Protein Name	Macrophage scavenger receptor types I and II
UniProt Gene Name	MSR1
UniProt Synonym Gene Names	SCARA1
UniProt Entry Name	MSRE_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://stage.aaabiotech.com/msr1-human-elisa-kits/macrophage-scavenger-receptor-1/112673>