

Human Macrophage Scavenger Receptor 1 (MSR1) CLIA Kit | MSR1 clia kit

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CATALOG #
AAA130477

REACTIVITY
Human

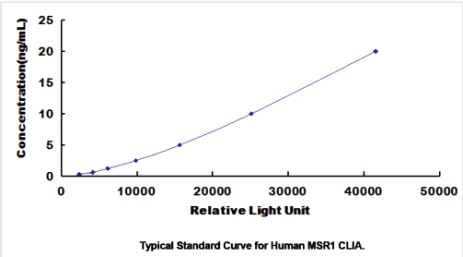
PRODUCT SYNONYMS

Macrophage Scavenger Receptor 1 (MSR1); Human Macrophage Scavenger Receptor 1 (MSR1) CLIA Kit; CD204; MSR1; SCARA1; SR-A; PhSR1; PhSR2; Macrophage acetylated LDL receptor I and II; Scavenger receptor class A member 1; MSR1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Macrophage Scavenger Receptor 1 (MSR1). No significant cross-reactivity or interference between Macrophage Scavenger Receptor 1 (MSR1) and analogues was observed.
Sequence Length	451
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	27.4-20,000pg/mL
Sensitivity	11.7pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Macrophage Scavenger Receptor 1 (MSR1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Macrophage Scavenger Receptor 1 (MSR1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	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. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MSR1 clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Macrophage Scavenger Receptor 1 (MSR1). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Macrophage Scavenger Receptor 1 (MSR1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Macrophage Scavenger Receptor 1 (MSR1) level in the sample or standard.;
Product Categories/Family for MSR1 clia kit	Signal transduction; Metabolic pathway; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	71648772
NCBI GeneID	4481
UniProt Accession #	P21757; O60505; P21759; Q45F10; D3DSP3
Molecular Weight	42,942 Da
NCBI Official Full Name	macrophage scavenger receptor 1
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
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/human-clia-kits/macrophage-scavenger-receptor-1-msr1/130477>