

Mouse mannose receptor, C type 1 ELISA Kit | MRC1 elisa kit

Mouse Macrophage mannose receptor 1, MRC1 ELISA Kit

CATALOG #
AAA113072

REACTIVITY
Mouse

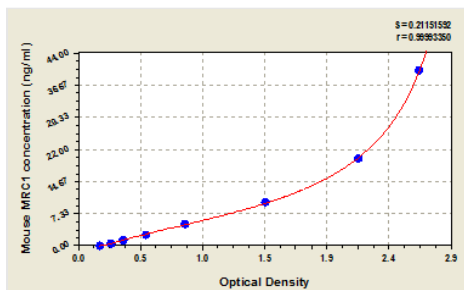
PRODUCT SYNONYMS

mannose receptor; C type 1; Mouse Macrophage mannose receptor 1; MRC1 ELISA Kit; Mouse Macrophage mannose receptor 1 (MRC1) ELISA kit; RP11-457D2.1; CD206; CLEC13D; MMR; macrophage mannose receptor 1; mannose receptor C type 1; MRC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse MRC1. No significant cross-reactivity or interference between mouse MRC1 and analogues was observed.
Sequence Length	1456
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	0.625 ng/ml -40 ng/ml.
Sensitivity	The minimum detectable dose of mouse MRC1 is typically less than 0.156 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 MRC1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MRC1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MRC1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MRC1 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 MRC1 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 #	224967062
NCBI GeneID	17533
NCBI Accession #	NP_032651.2
NCBI GenBank Nucleotide #	NM_008625.2
UniProt Accession #	Q61830; Q8C502
Molecular Weight	164,981 Da
NCBI Official Full Name	macrophage mannose receptor 1
NCBI Official Synonym Full Names	mannose receptor, C type 1
NCBI Official Symbol	Mrc1
NCBI Official Synonym Symbols	MR; CD206; AW259686
NCBI Protein Information	macrophage mannose receptor 1; MMR
UniProt Protein Name	Macrophage mannose receptor 1
UniProt Gene Name	Mrc1
UniProt Synonym Gene Names	MMR
UniProt Entry Name	MRC1_MOUSE

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/mrc1-mouse-elisa-kits/mannose-receptor-c-type-1/113072>