

Human mannose receptor, MR ELISA Kit | MR elisa kit

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CATALOG #
AAA15586

REACTIVITY
Human

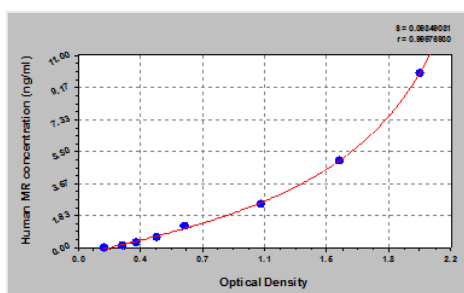
PRODUCT SYNONYMS

mannose receptor; MR; Human mannose receptor; MR ELISA Kit; N/A; MR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, tissue homogenates and Cell lysates
Assay Type	Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml.
Sensitivity	The minimum detectable dose of human MR is typically less than 7.81 pg/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	Three samples of known concentration were tested twenty times on one plate to assess.
Inter-Assay Precision	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 MR elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MR 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 MR bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187334
NCBI GeneID	4360
UniProt Accession #	P22897; Q5VSJ2; Q5VSK2; A5PKW3; Q0Z8D6
Molecular Weight	166,012 Da
NCBI Official Full Name	mannose receptor
NCBI Official Synonym Full Names	mannose receptor, C type 1
NCBI Official Symbol	MRC1
NCBI Official Synonym Symbols	MMR; CD206; MRC1L1; CLEC13D; CLEC13DL; bA541I19.1
NCBI Protein Information	macrophage mannose receptor 1; mannose receptor, C type 1-like 1; C-type lectin domain family 13 member D; macrophage mannose receptor 1-like protein 1
UniProt Protein Name	Macrophage mannose receptor 1
UniProt Gene Name	MRC1
UniProt Synonym Gene Names	CLEC13D; CLEC13DL; MRC1L1; MMR
UniProt Entry Name	MRC1_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-elisa-kits/mannose-receptor-mr/15586>