

Human mannan-binding lectin serine peptidase 1 (C4/C2 activating component of Ra-reactive factor) ELISA Kit | MASP1 elisa kit

Human mannan-binding lectin serine peptidase 1 (C4/C2 activating component of Ra-reactive factor) , MASP1 ELISA Kit

CATALOG # AAA112238	REACTIVITY Human
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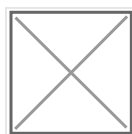
PRODUCT SYNONYMS

mannan-binding lectin serine peptidase 1 (C4/C2 activating component of Ra-reactive factor); Human mannan-binding lectin serine peptidase 1 (C4/C2 activating component of Ra-reactive factor); MASP1 ELISA Kit; Human mannan-binding lectin serine peptidase 1 (C4/C2 activating component of Ra-reactive factor) (MASP1) ELISA kit; CRARF; CRARF1; DKFZp686I01199; FLJ26383; MASP; MGC126283; MGC126284; PRSS5; RaRF; Ra-reactive factor serine protease p100; manan-binding lectin serine protease-1; mannan-binding lectin serine protease; MASP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MASP1. No significant cross-reactivity or interference between human MASP1 and analogues was observed.
Sequence Length	380
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	3.12 ng/ml -200 ng/ml.
Sensitivity	The minimum detectable dose of human MASP1 is typically less than 0.78 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 MASP1 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MASP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MASP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MASP1 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 MASP1 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 #	73623026
NCBI GeneID	5648
NCBI Accession #	NP_001027019.1
NCBI GenBank Nucleotide #	NM_001031849.2
UniProt Accession #	P48740; O95570; Q68D21; Q8IUU8; Q96RS4; Q9UF09; A8K542; A8K6M1; B4E2L7
Molecular Weight	79,247 Da
NCBI Official Full Name	mannan-binding lectin serine protease 1 isoform 3
NCBI Official Synonym Full Names	mannan-binding lectin serine peptidase 1 (C4/C2 activating component of Ra-reactive factor)
NCBI Official Symbol	MASP1
NCBI Official Synonym Symbols	3MC1; MAP1; MASP; RaRF; CRARF; MASP3; Map44; PRSS5; CRARF1
NCBI Protein Information	mannan-binding lectin serine protease 1; serine protease 5; complement factor MASP-3; Ra-reactive factor serine protease p100; mannose-binding protein-associated serine protease; mannose-binding lectin-associated serine protease 1; complement-activating component of Ra-reactive factor
UniProt Protein Name	Mannan-binding lectin serine protease 1
UniProt Gene Name	MASP1
UniProt Synonym Gene Names	CRARF; CRARF1; PRSS5; MASP-1; RaRF
UniProt Entry Name	MASP1_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/masp1-human-elisa-kits/mannan-binding-lectin-serine-peptidase-1-c4-c2-activating-component-of-ra-reactive-factor/112238>