

Human mannan-binding lectin serine peptidase 2 ELISA Kit | MASP2 elisa kit

Human mannan-binding lectin serine peptidase 2, MASP2 ELISA Kit

CATALOG #
AAA18351

REACTIVITY
Human

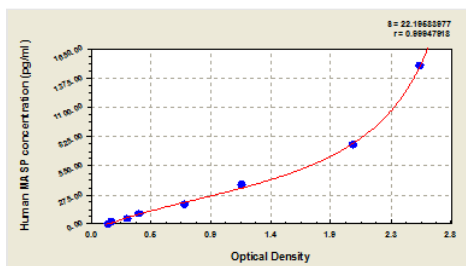
PRODUCT SYNONYMS

mannan-binding lectin serine peptidase 2; Human mannan-binding lectin serine peptidase 2; MASP2 ELISA Kit; Human mannan-binding lectin serine peptidase 2 (MASP2) ELISA kit; MAP19; MASP-2; sMAP; MBL-associated plasma protein of 19 kD; MBL-associated serine protease 2; mannan-binding lectin serine protease 2; small MBL-associated protein; MASP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MASP2. No significant cross-reactivity or interference between human MASP2 and analogues was observed.
Sequence Length	686
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, cerebrospinal fluid (CSF)
Detection Range	23.5 pg/ml-1500 pg/ml
Sensitivity	< 5.8 pg/ml
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 MASP2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MASP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MASP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MASP2 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 MASP2 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 #	21264363
NCBI GeneID	10747
NCBI Accession #	NP_006601.2
NCBI GenBank Nucleotide #	NM_006610.3
UniProt Accession #	O00187; O75754; Q5TEQ5; Q5TER0; Q96QG4; Q9BZH0; Q9H498; Q9H499; Q9UBP3; Q9UC48; A8K458; A8MWJ2
Molecular Weight	75,702 Da
NCBI Official Full Name	mannan-binding lectin serine protease 2 isoform 1 preproprotein
NCBI Official Synonym Full Names	mannan-binding lectin serine peptidase 2
NCBI Official Symbol	MASP2
NCBI Official Synonym Symbols	sMAP; MAP19; MASP-2; MASP1P1
NCBI Protein Information	mannan-binding lectin serine protease 2; small MBL-associated protein; MBL-associated serine protease 2; MBL-associated plasma protein of 19 kD; mannan-binding lectin serine protease 1 pseudogene 1; mannose-binding protein-associated serine protease 2; mannan-binding lectin serine peptidase 1 pseudogene 1
UniProt Protein Name	Mannan-binding lectin serine protease 2
UniProt Gene Name	MASP2
UniProt Synonym Gene Names	MASP-2
UniProt Entry Name	MASP2_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/masp2-human-elisa-kits/mannan-binding-lectin-serine-peptidase-2/18351>