

Human Mannan-binding lectin serine protease 2 ELISA Kit | MASP2 elisa kit

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CATALOG #
AAA193317

REACTIVITY
Human

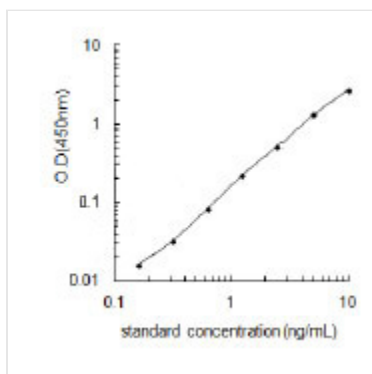
PRODUCT SYNONYMS

Mannan-binding lectin serine protease 2; Human Mannan-binding lectin serine protease 2 ELISA Kit; MBL-associated serine protease 2; Mannose-binding protein-associated serine protease 2; MASP-2; MASP2; 3.4.21.104; MASP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Mannan-binding lectin serine protease 2, MASP2
Sequence Length	686
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.098 ng/mL
Intra-assay Precision	Intra-Assay CV: <=6.0%
Inter-assay Precision	Inter-Assay CV: <=9.9%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MASP2 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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	20,629 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
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-protease-2/193317>