

Mouse Mannose Associated Serine Protease 2 (MASP2) RTU ELISA Kit | MASP2 rtu elisa kit

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CATALOG #
AAA219567

REACTIVITY
Mouse

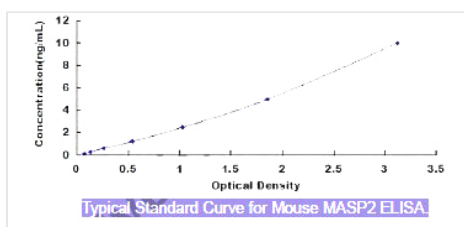
PRODUCT SYNONYMS

Mannose Associated Serine Protease 2 (MASP2); Mouse Mannose Associated Serine Protease 2 (MASP2) ELISA Kit; Mannose-binding protein-associated serine protease 2; mannan-Binding Lectin Serine Peptidase 2; MBL-associated serine protease 2; MASP2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MASP2. No significant cross-reactivity or interference between MASP2 and analogues was observed.
Sequence Length	685
Samples	Serum, plasma or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	< 0.067ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MASP2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MASP2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MASP2 rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of MASP2 in mouse serum, plasma or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MASP2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MASP2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MASP2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of MASP2 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 #	54112422
NCBI GeneID	17175
NCBI Accession #	NP_001003893.1
NCBI GenBank Nucleotide #	NM_001003893.2
UniProt Accession #	Q91WP0; Q9QXA4; Q9QXD2; Q9QXD5; Q9Z338; B1ARY2; B1ARY3
Molecular Weight	20,974 Da
NCBI Official Full Name	mannan-binding lectin serine protease 2 isoform 1
NCBI Official Synonym Full Names	mannan-binding lectin serine peptidase 2
NCBI Official Symbol	Masp2
NCBI Official Synonym Symbols	MAp19; MASP-2
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

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.