

Mouse MBL2 ELISA Kit | MBL2 elisa kit

Mouse MBL2 Binding Protein ELISA Kit

CATALOG # AAA261758	REACTIVITY Mouse	APPLICATIONS ELISA
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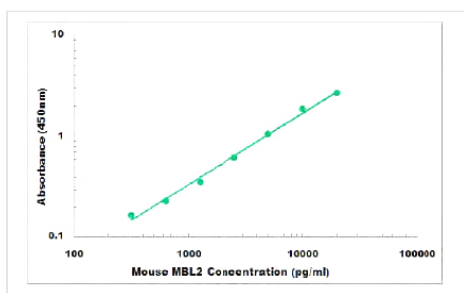
PRODUCT SYNONYMS

MBL2; Mouse MBL2 Binding Protein ELISA Kit; COLEC1; MBL; Mannose-binding protein C; MBP-C; Collectin-1; MBP1; Mannan-binding protein; Mannose-binding lectin; MBL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse MBL2 Binding Protein ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse MBL2 Binding Protein proteins within the range of 312 pg/ml - 20000 pg/ml.
Sequence Length	244
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	10 pg/ml.
Applicable Applications for MBL2 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MBL2 elisa kit	Principle of the Assay The Mouse MBL2 Binding Protein ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse MBL2 Binding Protein in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse MBL2 Binding Protein coated on a 96-well plate. Standards and samples are pipetted into the wells and MBL2 Binding Protein present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse MBL2 Binding Protein antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of MBL2 Binding Protein bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: MBL2, also called mannose-binding lectin (protein C) 2, soluble or Mannose-binding lectin (MBL) is a lectin that is instrumental in innate immunity. MBL2 is mapped to chromosome 10q11.2-q21. It belongs to the class of collectins in the C-type lectin superfamily, whose function appears to be pattern recognition in the first line of defense in the pre-immune host. MBL2 recognizes carbohydrate patterns, found on the surface of a large number of pathogenic micro-organisms, including bacteria, viruses, protozoa and fungi. Binding MBL2 to a micro-organism results in activation of the lectin pathway of the complement system. Another important function of MBL2 is that this molecule binds senescent and apoptotic cells and enhances engulfment of whole, intact apoptotic cells, as well as cell debris by phagocytes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1346477
NCBI GeneID	17195
UniProt Accession #	P41317
Molecular Weight	25,957 Da
NCBI Official Full Name	Mannose-binding protein C
NCBI Official Synonym Full Names	mannose-binding lectin (protein C) 2
NCBI Official Symbol	Mbl2
NCBI Official Synonym Symbols	MBL; L-MBP; MBL-C; MBP-C
NCBI Protein Information	mannose-binding protein C
UniProt Protein Name	Mannose-binding protein C
UniProt Gene Name	Mbl2
UniProt Synonym Gene Names	MBP-C; RARF/P28A
UniProt Entry Name	MBL2_MOUSE

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/mouse-elisa-kits/mbl2/261758>