

Mannose-binding protein C ELISA Kit | MBL2 elisa kit

Mouse MBL2 PicoKine ELISA Kit

CATALOG #
AAA46111

REACTIVITY
Mouse. There is no detectable cross-reactivity with other relevant proteins.

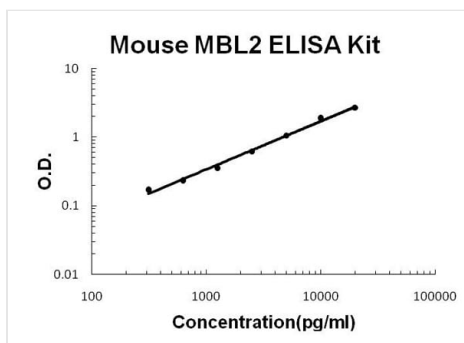
PRODUCT SYNONYMS

Mannose-binding protein C; Mouse MBL2 PicoKine ELISA Kit; COLEC 1; COLEC1; Collectin-1; HSMBPC; Lectin; mannose-binding; soluble; 2; Mannan binding lectin; Mannan binding protein; Mannan-binding protein; Mannose binding lectin (protein C) 2 soluble; Mannose binding lectin (protein C) 2; soluble (opsonic defect); Mannose binding lectin 2 soluble; Mannose binding lectin 2; Mannose binding lectin; Mannose binding lectin protein C2 soluble opsonic defect; Mannose binding protein; Mannose binding protein C; Mannose binding protein C precursor; serum; Mannose-binding lectin; MBL 2; MBL; MBL2; MBL2_HUMAN; MBL2D; MBP 1; MBP; MBP C; MBP-C; MBP1; MBPB; MBPC; MBPD; MGC116832; MGC116833; Opsonic defect; protein C; Soluble mannose binding lectin; mannose-binding lectin (protein C) 2; MBL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse. There is no detectable cross-reactivity with other relevant proteins.
Sequence Length	244
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Sensitivity	<10pg/ml
Immunogen	NSO, E19-D244
Intra-Assay Precision	Sample 1: n=16; Mean(ng/ml): 3.2; Standard deviation: 0.157; CV(%): 4.9 Sample 2: n=16; Mean(ng/ml): 8.4; Standard deviation: 0.378; CV(%): 4.5 Sample 3: n=16; Mean(ng/ml): 12.8; Standard deviation: 0.474; CV(%): 3.7
Inter-Assay Precision	Sample 1: n=24; Mean(ng/ml): 3.6; Standard deviation: 0.23; CV(%): 6.4 Sample 2: n=24; Mean(ng/ml): 8.9; Standard deviation: 0.516; CV(%): 5.8 Sample 3: n=24; Mean(ng/ml): 13.1; Standard deviation: 0.707; CV(%): 5.4
Assay Range	312pg/ml-20,000pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse MBL2 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for MBL2 elisa kit	Description: Sandwich ELISA kit of Quantitative Detection for Mouse MBL2 Background: 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 #	6754656
NCBI GeneID	17195
NCBI Accession #	NP_034906.1
NCBI GenBank Nucleotide #	NM_010776.1
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; RARF/P28A; mannan-binding protein; mannose binding lectin (C); RA-reactive factor P28A subunit; mannose binding lectin, liver (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/mbl2-mouse-elisa-kits/mannose-binding-protein-c/46111>