

Mannose-binding protein C ELISA Kit | MBL2 elisa kit

Human MBP-C/MBL2 PicoKine ELISA Kit

CATALOG #
AAA46114

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

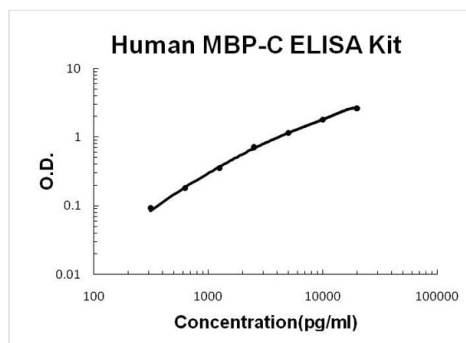
PRODUCT SYNONYMS

Mannose-binding protein C; Human MBP-C/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	Human. There is no detectable cross-reactivity with other relevant proteins.
Sequence Length	248
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Sensitivity	<10pg/ml
Immunogen	NSO, E21-I248
Intra-Assay Precision	Sample 1: n=16; Mean(ng/ml): 2.4; Standard deviation: 0.086; CV(%): 3.6 Sample 2: n=16; Mean(ng/ml): 7.2; Standard deviation: 0.324; CV(%): 4.5 Sample 3: n=16; Mean(ng/ml): 11.5; Standard deviation: 0.61; CV(%): 5.3
Inter-Assay Precision	Sample 1: n=24; Mean(ng/ml): 3.2; Standard deviation: 0.157; CV(%): 4.9 Sample 2: n=24; Mean(ng/ml): 6.9; Standard deviation: 0.393; CV(%): 5.7 Sample 3: n=24; Mean(ng/ml): 10.7; Standard deviation: 0.738; CV(%): 6.9
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)

Human MBP-C/MBL2 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for MBL2 elisa kit	Description: Sandwich ELISA kit of Quantitative Detection for Human MBP-C/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 #	4557739
NCBI GeneID	4153
NCBI Accession #	NP_000233.1
NCBI GenBank Nucleotide #	NM_000242.2
UniProt Accession #	P11226; Q4VB12; Q4VB13; Q4VB14; Q5SQS3; Q86SI4; Q96KE4; Q96TF7; Q96TF8; Q96TF9
Molecular Weight	26,144 Da
NCBI Official Full Name	mannose-binding protein C
NCBI Official Synonym Full Names	mannose-binding lectin (protein C) 2, soluble
NCBI Official Symbol	MBL2
NCBI Official Synonym Symbols	MBL; MBP; MBP1; MBPD; MBL2D; MBP-C; COLEC1; HSMBPC
NCBI Protein Information	mannose-binding protein C; collectin-1; mannan-binding lectin; mannose-binding lectin 2, soluble (opsonic defect); mannose-binding lectin (protein C) 2, soluble (opsonic defect)
UniProt Protein Name	Mannose-binding protein C
UniProt Gene Name	MBL2
UniProt Synonym Gene Names	COLEC1; MBL; MBP-C
UniProt Entry Name	MBL2_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/mb12-human-elisa-kits/mannose-binding-protein-c/46114>