

Bovine Mannose Binding Lectin C ELISA Kit | MBL-C elisa kit

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CATALOG #
AAA91725

REACTIVITY
Bovine

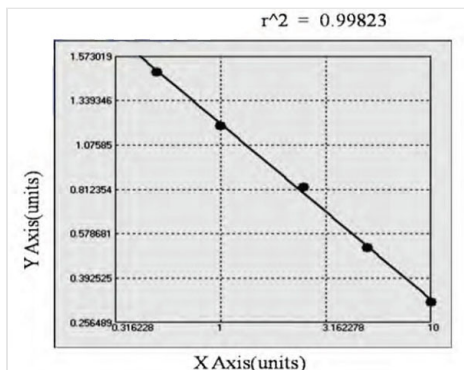
PRODUCT SYNONYMS

Mannose Binding Lectin C; Bovine Mannose Binding Lectin C ELISA Kit; MBL-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10?g/mL
Sensitivity	0.1?g/mL
Intended Uses	This MBL-C ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine MBL-C. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MBL-C elisa kit

Principle of the Assay: MBL-C ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MBL-C antibody and an MBL-C-HRP conjugate. The assay sample and buffer are incubated together with MBL-C-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MBL-C concentration since MBL-C from samples and MBL-C-HRP conjugate compete for the anti-MBL-C antibody binding site. Since the number of sites is limited, as more sites are occupied by MBL-C from the sample, fewer sites are left to bind MBL-C-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MBL-C concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754656
NCBI GeneID	17195
NCBI Accession #	NP_034906.1
NCBI GenBank Nucleotide #	NM_010776.1
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.