

Human mannose-binding lectin (protein C) 2, soluble (opsonic defect) ELISA Kit | MBL2 elisa kit

Human Mannma binding protein/mannan binding lectin, MBP/MBL ELISA Kit

CATALOG #

AAA80109

REACTIVITY

Human

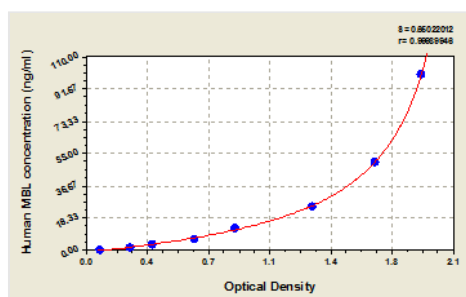
PRODUCT SYNONYMS

mannose-binding lectin (protein C) 2; soluble (opsonic defect); Human Mannma binding protein/mannan binding lectin; MBP/MBL ELISA Kit; COLEC1; HSMBPC; MBL; MBP; MBP1; MGC116832; MGC116833; mannan-binding lectin; mannose-binding lectin 2; soluble (opsonic defect) ; mannose-binding protein C; soluble mannose-binding lectin; MBP/MBL; MBL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MBL2. No significant cross-reactivity or interference between Human MBL2 and analogues was observed.
Sequence Length	248
Samples	Serum
Assay Type	Sandwich
Detection Range	1.563 ng/ml-100 ng/ml
Sensitivity	0.171ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	others
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MBL2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MBP/MBL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MBP/MBL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MBP/MBL is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MBP/MBL bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mb12-human-elisa-kits/mannose-binding-lectin-protein-c-2-soluble-opsonic-defect/80109>