

Human CD46 molecule, complement regulatory protein ELISA Kit | CD46 elisa kit

Human membrane cofactor protein, MCP ELISA Kit

CATALOG #
AAA15581

REACTIVITY
Human

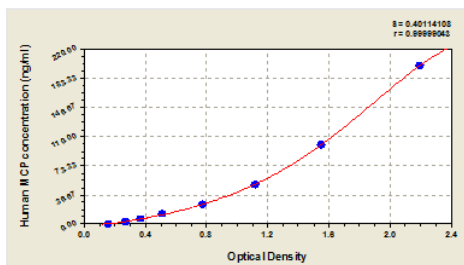
PRODUCT SYNONYMS

CD46 molecule; complement regulatory protein; Human membrane cofactor protein; MCP ELISA Kit; AHUS2; MCP; MGC26544; MIC10; TLX; TRA2.10; CD46 antigen; antigen identified by monoclonal antibody TRA-2-10; complement membrane cofactor protein; measles virus receptor; ; CD46 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MCP. No significant cross-reactivity or interference between human MCP and analogues was observed.
Sequence Length	392
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	3.12 ng/ml-200 ng/ml
Sensitivity	< 0.78 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 CD46 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MCP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MCP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MCP 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 MCP 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 #	27502402
NCBI GeneID	4179
NCBI Accession #	NP_002380.3
NCBI GenBank Nucleotide #	NM_002389.4
UniProt Accession #	P15529; Q15429; Q53GV9; Q5HY94; Q5VWS6; Q5VWS7; Q5VWS8; Q5VWS9; Q5VWT0; A0T1T0; A0T1T1; A0T1T2
Molecular Weight	43,747 Da
NCBI Official Full Name	membrane cofactor protein isoform 1
NCBI Official Synonym Full Names	CD46 molecule, complement regulatory protein
NCBI Official Symbol	CD46
NCBI Official Synonym Symbols	MCP; TLX; AHUS2; MIC10; TRA2.10
NCBI Protein Information	membrane cofactor protein; measles virus receptor; complement membrane cofactor protein; trophoblast leucocyte common antigen; trophoblast leukocyte common antigen; CD46 antigen, complement regulatory protein; trophoblast-lymphocyte cross-reactive antigen; antigen identified by monoclonal antibody TRA-2-10; membrane cofactor protein (CD46, trophoblast-lymphocyte cross-reactive antigen)
UniProt Protein Name	Membrane cofactor protein
UniProt Gene Name	CD46
UniProt Synonym Gene Names	MCP; MIC10
UniProt Entry Name	MCP_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/human-elisa-kits/cd46-molecule-complement-regulatory-protein/15581>