

Human Major outer membrane protein ELISA Kit | MOMP elisa kit

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CATALOG #
AAA94863

REACTIVITY
Human

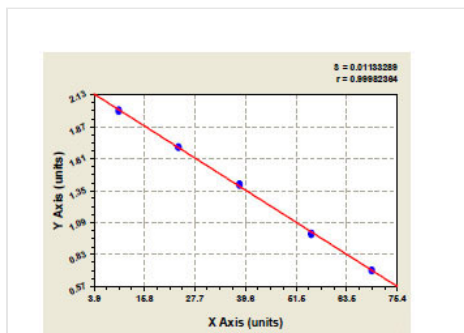
PRODUCT SYNONYMS

Major outer membrane protein; Human Major outer membrane protein ELISA Kit; MOMP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MOMP elisa kit

Intended Uses||This MOMP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MOMP. This ELISA kit for research use only!

Principle of the Assay: MOMP ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-MOMP antibody and an MOMP-HRP conjugate. The assay sample and buffer are incubated together with MOMP-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 MOMP concentration since MOMP from samples and MOMP-HRP conjugate compete for the anti-MOMP antibody binding site. Since the number of sites is limited, as more sites are occupied by MOMP from the sample, fewer sites are left to bind MOMP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MOMP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	296272009
NCBI GeneID	9170616
NCBI Accession #	YP_003654640.1
NCBI GenBank Nucleotide #	NC_014166.1
Molecular Weight	41,933 Da
NCBI Official Full Name	major outer membrane protein
NCBI Official Symbol	Arnit_0469
NCBI Protein Information	major outer membrane protein
UniProt Protein Name	Major outer membrane protein
UniProt Entry Name	D5V5U8_ARCNC

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.