

Human merozoite surface protein-3 (MSP-3) ELISA Kit | MSP-3 elisa kit

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CATALOG #
AAA120805

REACTIVITY
Human

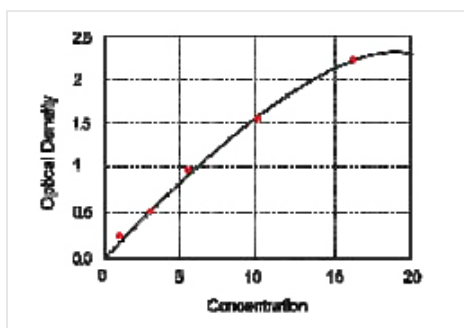
PRODUCT SYNONYMS

merozoite surface protein-3 (MSP-3); Human merozoite surface protein-3 (MSP-3) ELISA Kit; MSP-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	127
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L-3500ng/L
Sensitivity	9.89ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MSP-3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Merozoite Surface Protein-2 (also known as MSP-2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human MSP-2 antibody. MSP-2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MSP-2 Antibody is added and binds to MSP-2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MSP-2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human MSP-2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17535285
NCBI GeneID	173825
NCBI Accession #	NP_494858.1
NCBI GenBank Nucleotide #	NM_062457.8
UniProt Accession #	Q19832
Molecular Weight	14,237 Da
NCBI Official Full Name	Major sperm protein 3
NCBI Official Symbol	msp-3
NCBI Protein Information	Major sperm protein 3
UniProt Protein Name	Major sperm protein 3
UniProt Gene Name	msp-3
UniProt Synonym Gene Names	MSP

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://www.aaabiotech.com/human-elisa-kits/merozoite-surface-protein-3-msp-3/120805>