

Human 55 kDa Erythrocyte Membrane Protein, MPP1 ELISA Kit | MPP1 elisa kit

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CATALOG #
AAA123174

REACTIVITY
Human

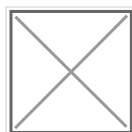
PRODUCT SYNONYMS

55 kDa Erythrocyte Membrane Protein; MPP1; Human 55 kDa Erythrocyte Membrane Protein; MPP1 ELISA Kit; MPP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	466
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
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 MPP1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human 50% Complement Hemolysis (also known as CH50) 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 CH50 antibody. CH50 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CH50 Antibody is added and binds to CH50 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CH50 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 CH50. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505237
NCBI GeneID	4354
NCBI GenBank Nucleotide #	NP_002427.1
UniProt Accession #	Q00013

NCBI Official Full Name	55 kDa erythrocyte membrane protein isoform 1
NCBI Official Synonym Full Names	membrane palmitoylated protein 1
NCBI Official Symbol	MPP1
NCBI Official Synonym Symbols	MRG1; PEMP; AAG12; EMP55; DXS552E
NCBI Protein Information	55 kDa erythrocyte membrane protein
UniProt Protein Name	55 kDa erythrocyte membrane protein
UniProt Gene Name	MPP1
UniProt Synonym Gene Names	DXS552E; EMP55; p55
UniProt Entry Name	EM55_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/55-kda-erythrocyte-membrane-protein-mpp1/123174>