

Human Mannose Phosphate Isomerase (MPI) ELISA Kit | MPI elisa kit

Human Mannose Phosphate Isomerase (MPI) ELISA Kit

CATALOG #
AAA44318

REACTIVITY
Human

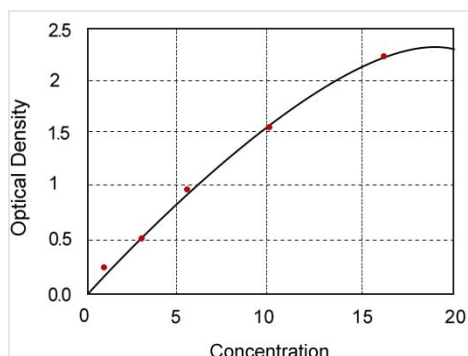
PRODUCT SYNONYMS

Mannose Phosphate Isomerase (MPI); Human Mannose Phosphate Isomerase (MPI) ELISA Kit; MPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	423
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3ng/ml - 90ng/ml
Sensitivity	0.13ng/ml
Intra-Assay	CV<8%
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 MPI elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Mannose Phosphate Isomerase (also known as MPI) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human MPI antibody. MPI present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MPI Antibody is added and binds to MPI in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MPI 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 MPI. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7159280
NCBI GeneID	4351
Molecular Weight	39,834 Da
NCBI Official Full Name	mannose phosphate isomerase
NCBI Official Synonym Full Names	mannose phosphate isomerase
NCBI Official Symbol	MPI
NCBI Official Synonym Symbols	PMI; PMI1; CDG1B
NCBI Protein Information	mannose-6-phosphate isomerase
UniProt Protein Name	Mannose-6-phosphate isomerase
UniProt Gene Name	MPI
UniProt Synonym Gene Names	PMI1; PMI

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/human-elisa-kits/mannose-phosphate-isomerase-mpi/44318>