

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

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CATALOG #
AAA217153

REACTIVITY
Human

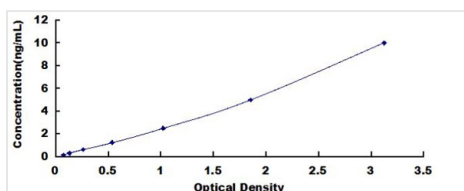
PRODUCT SYNONYMS

Mannose Phosphate Isomerase (MPI); Human Mannose Phosphate Isomerase (MPI) ELISA Kit; PMI1; Mannose-6-Phosphate Isomerase; Phosphohexomutase; Phosphomannose isomerase; MPI rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	373
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.061ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MPI rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MPI. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MPI. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MPI, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of MPI in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	574584838
NCBI GeneID	4351
NCBI Accession #	NP_001276085.1
NCBI GenBank Nucleotide #	NM_001289156.1
UniProt Accession #	P34949; Q96AB0; A8K8K9
Molecular Weight	39,834 Da
NCBI Official Full Name	mannose-6-phosphate isomerase isoform 3
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.

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Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/mannose-phosphate-isomerase-mpi/217153>