

Human matrix extracellular phosphoglycoprotein, MEPE ELISA Kit | MEPE elisa kit

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CATALOG #
AAA41932

REACTIVITY
Human

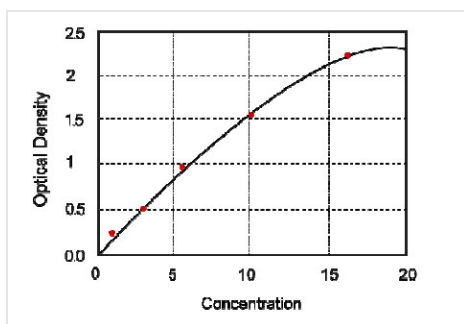
PRODUCT SYNONYMS

matrix extracellular phosphoglycoprotein; MEPE; Human matrix extracellular phosphoglycoprotein; MEPE ELISA Kit; MEPE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	523
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-2000ng/ml
Sensitivity	5.26ng/ml
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 MEPE elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human MEPE antibody. MEPE present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human MEPE Antibody is added and binds to MEPE in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MEPE 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 MEPE. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human matrix extracellular phosphoglycoprotein (also known as MEPE) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	521030808
UniProt Accession #	Q9NQ76; A1A4X9; A8MTA3; D2CFR4; F5H5C5
Molecular Weight	62,160 Da
NCBI Official Full Name	Matrix extracellular phosphoglycoprotein
UniProt Protein Name	Matrix extracellular phosphoglycoprotein
UniProt Gene Name	MEPE
UniProt Synonym Gene Names	OF45By similarityManual assertion inferred from sequence similarity toUniProtKB:Q8K4L6 (MEPE_MOUSE)

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/matrix-extracellular-phosphoglycoprotein-mepe/41932>