

Human Matrix Extracellular Phosphoglycoprotein (MEPE) RTU ELISA Kit | MEPE rtu elisa kit

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CATALOG #
AAA217002

REACTIVITY
Human

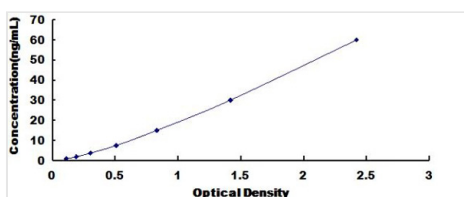
PRODUCT SYNONYMS

Matrix Extracellular Phosphoglycoprotein (MEPE); Human Matrix Extracellular Phosphoglycoprotein (MEPE) ELISA Kit; OF45; Asarm Motif-Containing; Osteoblast/Osteocyte Factor 45; MEPE rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	525
Assay Type	Sandwich
Samples	Serum, Plasma or Other Biological Fluids.
Detection Range	0.937-60ng/mL
Sensitivity	0.29ng/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 MEPE rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MEPE. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MEPE. 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 MEPE, 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 MEPE in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	296011076
NCBI GeneID	56955
NCBI Accession #	NP_001171623.1
NCBI GenBank Nucleotide #	NM_001184694.2
UniProt Accession #	Q9NQ76; A1A4X9; A8MTA3; D2CFR4; F5H5C5
Molecular Weight	45,291 Da
NCBI Official Full Name	matrix extracellular phosphoglycoprotein isoform a
NCBI Official Synonym Full Names	matrix extracellular phosphoglycoprotein
NCBI Official Symbol	MEPE
NCBI Official Synonym Symbols	OF45
NCBI Protein Information	matrix extracellular phosphoglycoprotein
UniProt Protein Name	Matrix extracellular phosphoglycoprotein
UniProt Gene Name	MEPE
UniProt Synonym Gene Names	OF45

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/matrix-extracellular-phosphoglycoprotein-mepe/217002>