

Rat Matrix Gla Protein (MGP) RTU ELISA Kit | MGP rtu elisa kit

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CATALOG #
AAA217022

REACTIVITY
Rat

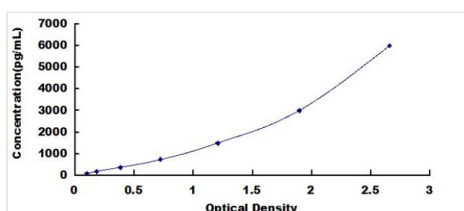
PRODUCT SYNONYMS

Matrix Gla Protein (MGP); Rat Matrix Gla Protein (MGP) ELISA Kit; MGLAP; GIG36; Cell growth-inhibiting gene 36 protein; MGP rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	103
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	93.7-6000pg/mL
Sensitivity	39.65pg/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 MGP rtu elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #

6981204

NCBI GeneID	25333
NCBI Accession #	NP_036994.1
NCBI GenBank Nucleotide #	NM_012862.1
UniProt Accession #	P08494
Molecular Weight	12,037 Da
NCBI Official Full Name	matrix Gla protein
NCBI Official Synonym Full Names	matrix Gla protein
NCBI Official Symbol	Mgp
NCBI Official Synonym Symbols	Mglap
NCBI Protein Information	matrix Gla protein
UniProt Protein Name	Matrix Gla protein
UniProt Gene Name	Mgp
UniProt Synonym Gene Names	MGP

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://www.aaabiotech.com/rat-rtu-elisa-kits/matrix-gla-protein-mgp/217022>