

Mouse Matrix Gla Protein (MGP) ELISA Kit | MGP elisa kit

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CATALOG #
AAA122753

REACTIVITY
Mouse

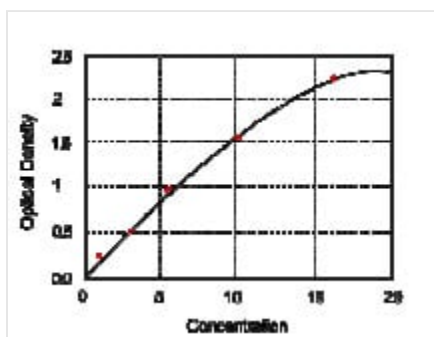
PRODUCT SYNONYMS

Matrix Gla Protein (MGP); Mouse Matrix Gla Protein (MGP) ELISA Kit; MGP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	103
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.1-30ng/mL
Sensitivity	0.67ng/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 MGP elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Matrix Gla Protein (also known as MGP) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	49574514
NCBI GeneID	4256
NCBI Accession #	NP_000891.2
NCBI GenBank Nucleotide #	NM_000900.4
UniProt Accession #	P08493
NCBI Official Full Name	matrix Gla protein isoform 2 preproprotein
NCBI Official Synonym Full Names	matrix Gla protein
NCBI Official Symbol	MGP
NCBI Official Synonym Symbols	NTI; GIG36; MGLAP
NCBI Protein Information	matrix Gla protein
UniProt Protein Name	Matrix Gla protein
UniProt Gene Name	MGP
UniProt Synonym Gene Names	MGLAP; MGP
UniProt Entry Name	MGP_HUMAN

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/mouse-elisa-kits/matrix-gla-protein-mgp/122753>