

Human mammary derived growth inhibitor, MDGI ELISA Kit | MDGI elisa kit

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CATALOG #
AAA42054

REACTIVITY
Human

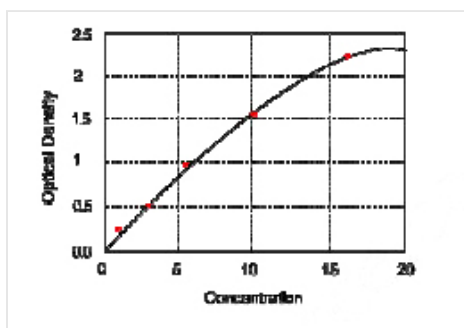
PRODUCT SYNONYMS

mammary derived growth inhibitor; MDGI; Human mammary derived growth inhibitor; MDGI ELISA Kit; MDGI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	133
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml-40ng/ml
Sensitivity	0.055ng/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 MDGI elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Major Prion Protein (also known as PRNP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	1869803
NCBI GeneID	2170
UniProt Accession #	P05413; Q5VV93; Q99957; B2RAB6
Molecular Weight	14,858 Da
NCBI Official Full Name	mammary-derived growth inhibitor
NCBI Official Synonym Full Names	fatty acid binding protein 3
NCBI Official Symbol	FABP3
NCBI Official Synonym Symbols	MDGI; FABP11; H-FABP; M-FABP; O-FABP
NCBI Protein Information	fatty acid-binding protein, heart
UniProt Protein Name	Fatty acid-binding protein, heart
UniProt Gene Name	FABP3
UniProt Synonym Gene Names	FABP11; MDGI; H-FABP; MDGI; M-FABP

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-elisa-kits/mammary-derived-growth-inhibitor-mdgi/42054>