

Human MDGA1 ELISA Kit | MDGA1 elisa kit

Human MDGA1 ELISA Kit PicoKine

CATALOG # AAA127995	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

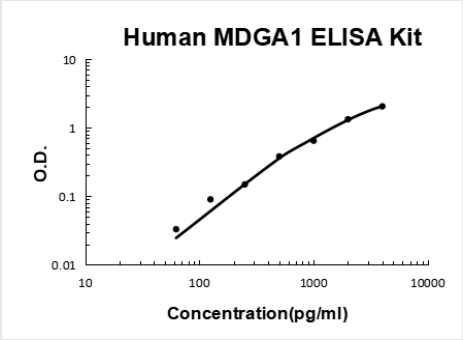
MDGA1; Human MDGA1 ELISA Kit PicoKine; MDGA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	62.5pg/ml-4,000pg/ml
Sensitivity	<30pg/ml
Capture antibody and Detection antibody	a polyclonal antibody from goat a biotinylated polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: Q19-G931
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for MDGA1 elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)062.51252505001,0002,0004,000O.D.0.0390.0720.1290.1880.4210.6851.3682.089
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)7124315191192141316Standard deviation1.9816.1470.792.869.3952.38CV(%)2.8%6.6%4.7%2.4%4.4%4%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 171967696854.455.3%Sample 22432122001532026.873.4%Sample 31519149811481690146458.554%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human MDGA1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for MDGA1 elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for MDGA1 elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	24111244
NCBI GeneID	266727
NCBI Accession #	NP_705691.1
NCBI GenBank Nucleotide #	NM_153487.3
UniProt Accession #	Q8NFP4 ; Q8NBE3 ; A6NHG0 ; Q5TFS7 ; Q5TFS8
Molecular Weight	105,790 Da
NCBI Official Full Name	MAM domain-containing glycosylphosphatidylinositol anchor protein 1
NCBI Official Synonym Full Names	MAM domain containing glycosylphosphatidylinositol anchor 1
NCBI Official Symbol	MDGA1
NCBI Official Synonym Symbols	GPIM; MAMDC3; FLJ45018; DKFZp686K0262; DKFZp686L0262
NCBI Protein Information	MAM domain-containing glycosylphosphatidylinositol anchor protein 1; OTTHUMP00000016331; OTTHUMP00000016332; GPI and MAM protein; MAM domain-containing protein 3; glycosylphosphatidylinositol-MAM; glycosyl-phosphatidyl-inositol-MAM
UniProt Protein Name	MAM domain-containing glycosylphosphatidylinositol anchor protein 1
UniProt Gene Name	MDGA1
UniProt Synonym Gene Names	MAMDC3

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://www.aaabiotech.com/human-elisa-kits/mdga1/127995>