

Human MGEA5 (Protein O-GlcNAcase) ELISA Kit | MGEA5 elisa kit

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CATALOG #
AAA250919

REACTIVITY
Human

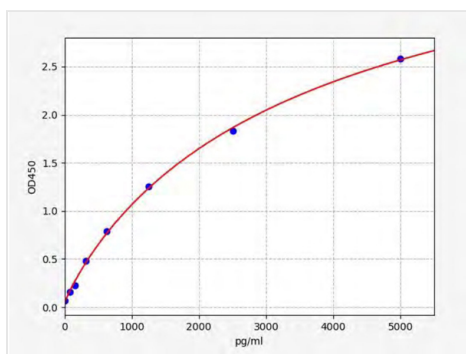
PRODUCT SYNONYMS

MGEA5 (Protein O-GlcNAcase); Human MGEA5 (Protein O-GlcNAcase) ELISA Kit; MGEA5; Protein O-GlcNAcase; MGEA5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize MGEA5, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MGEA5 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti MGEA5 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti MGEA5 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with MGEA5 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of MGEA5 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	215490056
NCBI GeneID	10724
NCBI Accession #	NP_001135906.1
NCBI GenBank Nucleotide #	NM_001142434.1
UniProt Accession #	O60502; O75166; Q86WV0; Q8IV98; Q9BVA5; Q9HAR0; B7WPB9; D3DR79; E9PGF9
Molecular Weight	96,932 Da
NCBI Official Full Name	protein O-GlcNAcase isoform b
NCBI Official Synonym Full Names	meningioma expressed antigen 5 (hyaluronidase)
NCBI Official Symbol	MGEA5
NCBI Official Synonym Symbols	OGA; MEA5; NCOAT
NCBI Protein Information	protein O-GlcNAcase
UniProt Protein Name	Protein O-GlcNAcase
UniProt Gene Name	MGEA5
UniProt Synonym Gene Names	HEXC; KIAA0679; MEA5; NCOAT

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.