

Human Myelin-associated glycoprotein ELISA Kit | MAG elisa kit

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CATALOG #
AAA98600

REACTIVITY
Human

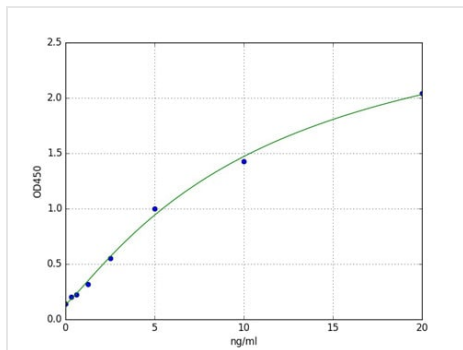
PRODUCT SYNONYMS

Myelin-associated glycoprotein; Human Myelin-associated glycoprotein ELISA Kit; MAG (myelin associated glycoprotein)/Siglec-4a/SIGLEC4A/S-MAG/GMA/sialic acid binding Ig-like lectin 4A/sialic acid-binding immunoglobulin-like lectin 4A; MAG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	55
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Human MAG ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.074	0.137	0.219	0.365	0.661	1.141	1.943	2.590

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAG elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MAG antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MAG antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human MAG amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MAG can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1403055
NCBI GeneID	4099
UniProt Accession #	Q15489; P20916
Molecular Weight	6,106 Da
NCBI Official Full Name	myelin associated glycoprotein, partial
NCBI Official Synonym Full Names	myelin associated glycoprotein
NCBI Official Symbol	MAG
NCBI Official Synonym Symbols	GMA; S-MAG; SPG75; SIGLEC4A; SIGLEC-4A
NCBI Protein Information	myelin-associated glycoprotein
UniProt Protein Name	Myelin associated glycoprotein
UniProt Gene Name	S-MAG
UniProt Entry Name	Q15489_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/mag-human-elisa-kits/myelin-associated-glycoprotein/98600>