

Human Anti-Myelin Associated Glycoprotein Antibody (Anti-MAG) ELISA Kit | MAG elisa kit

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CATALOG #
AAA148376

REACTIVITY
Human

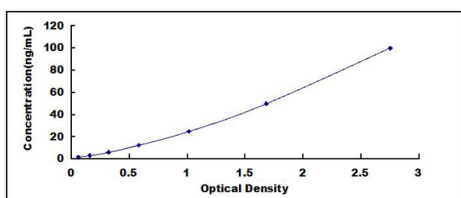
PRODUCT SYNONYMS

Anti-Myelin Associated Glycoprotein Antibody (Anti-MAG); Human Anti-Myelin Associated Glycoprotein Antibody (Anti-MAG) ELISA Kit; GMA; S-MAG; Siglec-4; SIGLEC4A; Sialic Acid Binding Ig-Like Lectin 4A; MAG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-Myelin Associated Glycoprotein Antibody (Anti-MAG). No significant cross-reactivity or interference between Anti-Myelin Associated Glycoprotein Antibody (Anti-MAG) and analogues was observed.
Sequence Length	601
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	0.59ng/mL
Application	Enzyme-linked immunosorbent assay for Antibody Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Anti-Myelin Associated Glycoprotein Antibody (Anti-MAG) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Anti-Myelin Associated Glycoprotein Antibody (Anti-MAG) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAG elisa kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-Myelin Associated Glycoprotein Antibody (Anti-MAG) will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Anti-Myelin Associated Glycoprotein Antibody (Anti-MAG) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for MAG elisa kit	Infection immunity; Neuroscience; Autoimmunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	312836851
NCBI GeneID	4099
NCBI Accession #	NP_001186145.1
NCBI GenBank Nucleotide #	NM_001199216.1
UniProt Accession #	P20916; Q15489; Q567S4; B7Z2E5; F5GYC0
Molecular Weight	66,224 Da
NCBI Official Full Name	myelin-associated glycoprotein isoform c
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	MAG
UniProt Synonym Gene Names	GMA

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/anti-myelin-associated-glycoprotein-antibody-anti-mag/148376>