

Human MAG Ab ELISA Kit | MAG Ab elisa kit

Human MAG Ab (Anti-Myelin Associated Glycoprotein Antibody) ELISA Kit

CATALOG #
AAA164793

REACTIVITY
Human

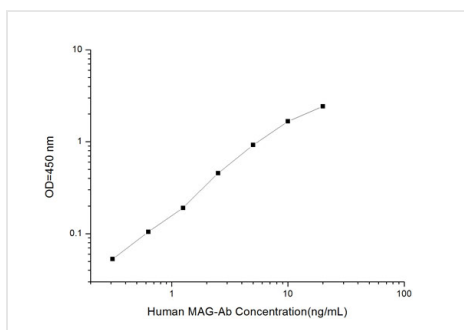
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human MAG-Ab in samples. No significant cross-reactivity or interference between Human MAG-Ab and analogues was observed.
Sequence Length	582
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.31-20ng/mL
Sensitivity	0.19ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human MAG-Ab were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human MAG-Ab were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAG Ab elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antigen specific to Human MAG-Ab. Standards or samples are added to the micro ELISA plate wells and combined with the specific antigen. Then a biotinylated detection antigen specific for Human MAG-Ab and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human MAG-Ab, biotinylated detection antigen and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human MAG-Ab. You can calculate the concentration of Human MAG-Ab in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human MAG-Ab concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18104957
NCBI GeneID	4099
NCBI Accession #	NP_542167.1
NCBI GenBank Nucleotide #	NM_080600.2
UniProt Accession #	P20916; Q567S4; B7Z2E5; F5GYC0
Molecular Weight	66,224 Da
NCBI Official Full Name	myelin-associated glycoprotein isoform b
NCBI Official Synonym Full Names	myelin associated glycoprotein
NCBI Official Symbol	MAG
NCBI Official Synonym Symbols	GMA; S-MAG; SIGLEC4A; SIGLEC-4A
NCBI Protein Information	myelin-associated glycoprotein; sialic acid binding Ig-like lectin 4A; sialic acid-binding immunoglobulin-like lectin 4A
UniProt Protein Name	Myelin-associated glycoprotein
UniProt Gene Name	MAG
UniProt Synonym Gene Names	GMA
UniProt Entry Name	MAG_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.