

Rat Anti-myelin associated glycoprotein antibody ELISA Kit | MAG elisa kit

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CATALOG #
AAA16104

REACTIVITY
Rat

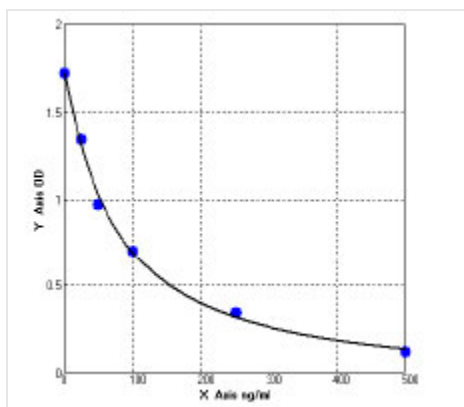
PRODUCT SYNONYMS

Anti-myelin associated glycoprotein antibody; Rat Anti-myelin associated glycoprotein antibody ELISA Kit; MAG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAG elisa kit

Intended Uses||This Anti-MAG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat Anti-MAG. This ELISA kit for research use only!

Principle of the Assay: Anti-MAG ELISA kit applies the competitive enzyme immunoassay technique utilizing Myelin Associated Glycoprotein antigen and an Anti-MAG-HRP conjugate. The assay sample and buffer are incubated together with Anti-MAG-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Anti-MAG concentration since Anti-MAG from samples and Anti-MAG-HRP conjugate compete for the Myelin Associated Glycoprotein antigen binding site. Since the number of sites is limited, as more sites are occupied by Anti-MAG from the sample, fewer sites are left to bind Anti-MAG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Anti-MAG concentration in each sample is interpolated from this standard curve.

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-rat-elisa-kits/anti-myelin-associated-glycoprotein-antibody/16104>