

Rat Myelin-oligodendrocyte glycoprotein ELISA Kit | Mog elisa kit

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CATALOG #
AAA191634

REACTIVITY
Rat

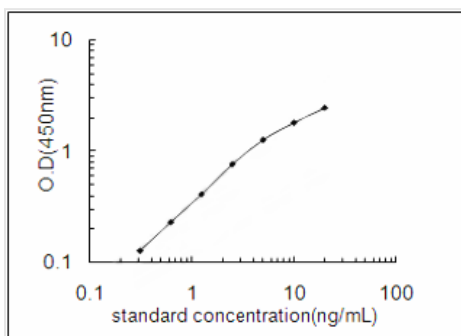
PRODUCT SYNONYMS

Myelin-oligodendrocyte glycoprotein; Rat Myelin-oligodendrocyte glycoprotein ELISA Kit; Mog; Mog elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Myelin-oligodendrocyte glycoprotein. No significant cross-reactivity or interference was observed.
Sequence Length	245
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.156 ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=7.9%
Recovery	89%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mog elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Myelin-oligodendrocyte glycoprotein concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Myelin-oligodendrocyte glycoprotein. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Myelin-oligodendrocyte glycoprotein and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Myelin-oligodendrocyte glycoprotein, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Myelin-oligodendrocyte glycoprotein in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2497314
UniProt Accession #	Q63345
Molecular Weight	27,882 Da
NCBI Official Full Name	Myelin-oligodendrocyte glycoprotein
UniProt Protein Name	Myelin-oligodendrocyte glycoprotein
UniProt Gene Name	Mog
UniProt Entry Name	MOG_RAT

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/mog-rat-elisa-kits/myelin-oligodendrocyte-glycoprotein/191634>