

Human Myelin-oligodendrocyte glycoprotein (MOG) ELISA Kit | MOG elisa kit

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CATALOG #
AAA43370

REACTIVITY
Human

PRODUCT SYNONYMS

Myelin-oligodendrocyte glycoprotein (MOG); Human Myelin-oligodendrocyte glycoprotein (MOG) ELISA Kit; MOG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	245
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.13ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MOG elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Myelin-oligodendrocyte Glycoprotein (also known as MOG) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human MOG antibody. MOG present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MOG Antibody is added and binds to MOG in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MOG antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human MOG. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	158262022
NCBI GeneID	24558
NCBI Accession #	NP_073159.2
NCBI GenBank Nucleotide #	NM_022668.2
UniProt Accession #	Q63345
Molecular Weight	27,882 Da
NCBI Official Full Name	myelin-oligodendrocyte glycoprotein
NCBI Official Synonym Full Names	myelin oligodendrocyte glycoprotein
NCBI Official Symbol	Mog
NCBI Protein Information	myelin-oligodendrocyte glycoprotein
UniProt Protein Name	Myelin-oligodendrocyte glycoprotein
UniProt Gene Name	Mog

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/myelin-oligodendrocyte-glycoprotein-mog/43370>