

Rabbit Anti-myelin basic protein antibody ELISA Kit | MBP elisa kit

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CATALOG #
AAA82268

REACTIVITY
Rabbit

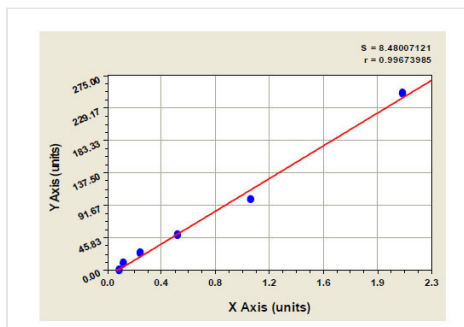
PRODUCT SYNONYMS

Anti-myelin basic protein antibody; Rabbit Anti-myelin basic protein antibody ELISA Kit; MBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This Anti-MBP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit Anti-MBP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MBP elisa kit

Principle of the assay: Anti-MBP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with MBP antigen. Standards or samples are then added to the microtiter plate wells and anti-MBP if present, will bind to the antigen pre-coated wells. In order to quantitatively determine the amount of anti-MBP present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated MBP antigen is added to each well to "sandwich" the anti-MBP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain Anti-MBP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Anti-MBP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	70166270
NCBI GeneID	24547
NCBI Accession #	NP_001020465.1
NCBI GenBank Nucleotide #	NM_001025294.1
Molecular Weight	17,240 Da
NCBI Official Full Name	myelin basic protein isoform 4
NCBI Official Synonym Full Names	myelin basic protein
NCBI Official Symbol	Mbp
NCBI Official Synonym Symbols	Mbps
NCBI Protein Information	Golli-Mbp; myelin basic protein; MBP S; myelin basic protein S; myelin basic protein Golli-mbp; Golli-Mbp; myelin basic protein; myelin basic protein S
UniProt Protein Name	Myelin basic protein
UniProt Gene Name	Mbp
UniProt Synonym Gene Names	MBP
UniProt Entry Name	MBP_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/mbp-rabbit-elisa-kits/anti-myelin-basic-protein-antibody/82268>