

Mouse MBP ELISA Kit | MBP elisa kit

Mouse MBP (Myelin Basic Protein) ELISA Kit

CATALOG #
AAA21442

REACTIVITY
Mouse

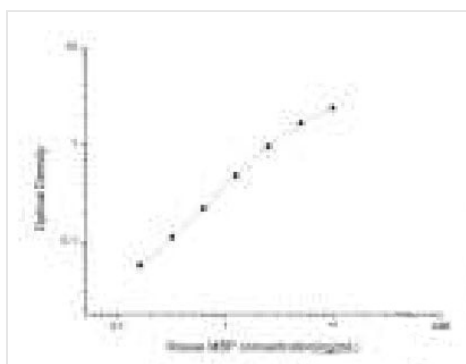
PRODUCT SYNONYMS

MBP; Mouse MBP (Myelin Basic Protein) ELISA Kit; MBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse MBP in samples. No significant cross-reactivity or interference between Mouse MBP and analogues was observed
Sequence Length	160
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10 ng/mL
Sensitivity	0.1 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse MBP 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 Mouse MBP were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MBP 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 antibody specific to Mouse MBP. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse MBP 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 Mouse MBP, biotinylated detection antibody 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 ± 2 nm. The OD value is proportional to the concentration of Mouse MBP. You can calculate the concentration of Mouse MBP 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 Mouse MBP concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49456793
NCBI GeneID	4155
UniProt Accession #	P02686; Q15337; Q15338; Q15339; Q15340; A4FU54; A6NI84; A8MY86; A8MYL4; B3KY66; B7ZKS2; B7ZKS4
Molecular Weight	17,343 Da
NCBI Official Full Name	MBP, partial
NCBI Official Synonym Full Names	myelin basic protein
NCBI Official Symbol	MBP
NCBI Protein Information	Golli-MBP; myelin basic protein; myelin A1 protein; myelin membrane encephalitogenic protein
UniProt Protein Name	Myelin basic protein
UniProt Gene Name	MBP
UniProt Synonym Gene Names	MBP
UniProt Entry Name	MBP_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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/mbp/21442>