

Rat myelin basic protein, MBP ELISA Kit | MBP elisa kit

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CATALOG #
AAA41731

REACTIVITY
Rat

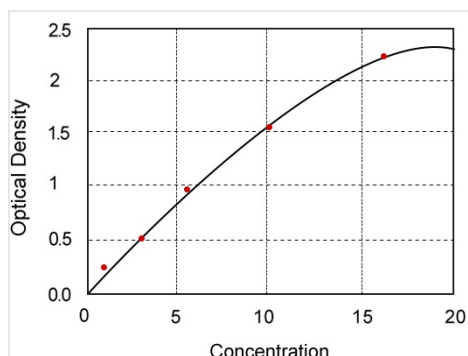
PRODUCT SYNONYMS

myelin basic protein; MBP; Rat myelin basic protein; MBP ELISA Kit; MBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	158
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.04ng/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 MBP elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Myelin Basic Protein (also known as MBP) 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 Rat MBP antibody. MBP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MBP Antibody is added and binds to MBP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MBP 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 Rat MBP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	70166270
NCBI GeneID	24547
NCBI Accession #	NP_001020465.1
NCBI GenBank Nucleotide #	NM_001025294.1
UniProt Accession #	P02688; Q505J1; Q8R4K6; Q9Z1J4; Q9Z1J5; Q9Z1J6
Molecular Weight	18,488 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	myelin basic protein; Golli-Mbp
UniProt Protein Name	Myelin basic protein
UniProt Gene Name	Mbp
UniProt Synonym Gene Names	MBP

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/rat-elisa-kits/myelin-basic-protein-mbp/41731>