

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

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CATALOG #
AAA41975

REACTIVITY
Rat

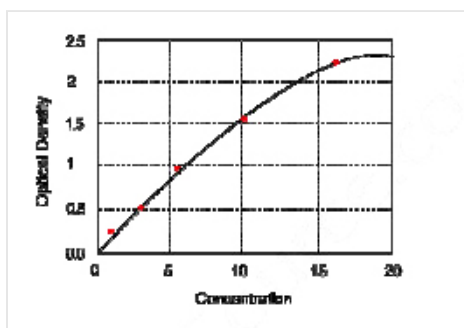
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	222
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	2mg/L-600mg/L
Sensitivity	1.21mg/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 Macrophage Inflammatory Protein 2 (also known as MIP-2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat MIP-2 antibody. MIP-2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MIP-2 Antibody is added and binds to MIP-2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MIP-2 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 MIP-2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187415
NCBI GeneID	5553
UniProt Accession #	P13727; P81448; Q14227; Q6ICT2; A6XMW0; B2R5I1
Molecular Weight	23,901 Da
NCBI Official Full Name	major basic protein
NCBI Official Synonym Full Names	proteoglycan 2, pro eosinophil major basic protein
NCBI Official Symbol	PRG2
NCBI Official Synonym Symbols	MBP; BMPG; MBP1; proMBP
NCBI Protein Information	bone marrow proteoglycan
UniProt Protein Name	Bone marrow proteoglycan
UniProt Gene Name	PRG2
UniProt Synonym Gene Names	MBP; BMPG; EMBP; 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://stage.aaabiotech.com/rat-elisa-kits/major-basic-protein-mbp/41975>