

Monkey MBP ELISA Kit | MBP elisa kit

Monkey MBP (Myelin Basic Protein) ELISA Kit

CATALOG #
AAA165466

REACTIVITY
Monkey

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This kit recognizes Monkey LPL in samples. No Significant cross-reactivity or interference between Monkey LPL and analogues was observed.
Sequence Length	160
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25-2000 pg/mL
Sensitivity	18.75 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Monkey LPL 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 Monkey LPL were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for MBP elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Monkey LPL concentrations in serum, plasma and other biological fluids.

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 Monkey LPL. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Monkey LPL 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 Monkey LPL, 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 nm +/- 2 nm. The OD value is proportional to the concentration of Monkey LPL. You can calculate the concentration of Monkey LPL in the samples by comparing the OD of the samples to the standard curve.

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/monkey-elisa-kits/mbp/165466>