

Mouse Myelin P2 protein ELISA Kit | Pmp2 elisa kit

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CATALOG #
AAA56297

REACTIVITY
Mouse

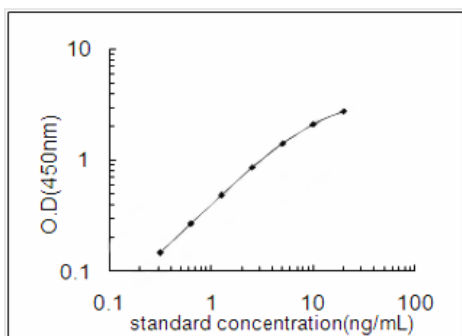
PRODUCT SYNONYMS

Myelin P2 protein; Mouse Myelin P2 protein ELISA Kit; Pmp2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Myelin P2 protein. No significant cross-reactivity or interference was observed.
Sequence Length	132
Assay Type	Sandwich
Detection Range	0.312-20 ng/ml
Sensitivity	0.157 ng/mL
Intra-Assay CV	<=8.3%
Inter-Assay CV	<=10.2%
Recovery	86%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Pmp2 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Myelin P2 protein. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Myelin P2 protein and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Myelin P2 protein, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Myelin P2 protein in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71892436
NCBI GeneID	18857
NCBI Accession #	NP_001025476.1
NCBI GenBank Nucleotide #	NM_001030305.2
UniProt Accession #	P24526; Q4KL10
Molecular Weight	14,935 Da
NCBI Official Full Name	myelin P2 protein
NCBI Official Synonym Full Names	peripheral myelin protein 2
NCBI Official Symbol	Pmp2
NCBI Official Synonym Symbols	P2
NCBI Protein Information	myelin P2 protein
UniProt Protein Name	Myelin P2 protein
UniProt Gene Name	Pmp2
UniProt Entry Name	MYP2_MOUSE

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/pmp2-mouse-elisa-kits/myelin-p2-protein/56297>