

Human Myelin protein P0 (MPZ) ELISA Kit | MPZ elisa kit

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CATALOG #
AAA43969

REACTIVITY
Human

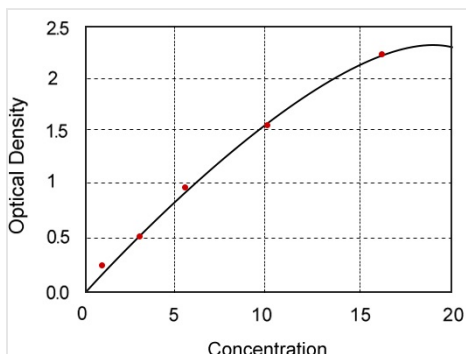
PRODUCT SYNONYMS

Myelin protein P0 (MPZ); Human Myelin protein P0 (MPZ) ELISA Kit; MPZ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	248
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 10ng/ml
Sensitivity	0.024ng/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 MPZ elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Myelin protein P0 (also known as MPZ) 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 human MPZ antibody. MPZ present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MPZ Antibody is added and binds to MPZ in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MPZ 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 human MPZ. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	295391071
NCBI GeneID	4359
NCBI Accession #	NP_000521.2
NCBI GenBank Nucleotide #	NM_000530.7
UniProt Accession #	P25189; Q16072; Q5VTH4; Q92677; Q9BR67
Molecular Weight	34,387 Da
NCBI Official Full Name	myelin protein P0 isoform MPZ
NCBI Official Synonym Full Names	myelin protein zero
NCBI Official Symbol	MPZ
NCBI Official Synonym Symbols	P0; CHM; DSS; MPP; CMT1; CMT1B; CMT2I; CMT2J; CMT4E; CMTDI3; CMTDID; HMSNIB
NCBI Protein Information	myelin protein P0
UniProt Protein Name	Myelin protein P0
UniProt Gene Name	MPZ
UniProt Synonym Gene Names	MPP

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/human-elisa-kits/myelin-protein-p0-mpz/43969>