

Human Protein Zero, Myelin (MPZ) RTU ELISA Kit | MPZ rtu elisa kit

Human Protein Zero, Myelin (MPZ) ELISA Kit

CATALOG #
AAA217165

REACTIVITY
Human

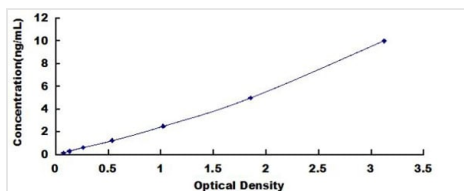
PRODUCT SYNONYMS

Protein Zero; Myelin (MPZ); Human Protein Zero; Myelin (MPZ) ELISA Kit; P0; DSS; CHM; CMT4E; CMT1; CMT1B; CMT2I; CMT2J; CMTDI3; HMSNIB; MPP; Myelin Protein Zero; Charcot-Marie-Tooth Neuropathy 1B; Myelin peripheral protein; MPZ rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	248
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.052ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MPZ rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MPZ. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MPZ. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MPZ, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of MPZ in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/protein-zero-myelin-mpz/217165>