

Human myelin protein zero ELISA Kit | MPZ elisa kit

Human Myelin protein P0, MPZ ELISA Kit

CATALOG #
AAA80885

REACTIVITY
Human

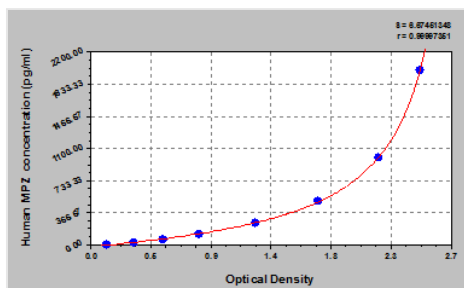
PRODUCT SYNONYMS

myelin protein zero; Human Myelin protein P0; MPZ ELISA Kit; Human Myelin protein P0 (MPZ) ELISA kit; CHM; CMT1; CMT1B; CMT2I; CMT2J; CMT4E; CMTDI3; DSS; HMSNIB; MPP; P0; Charcot-Marie-Tooth neuropathy 1B; MPZ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of rat MPO. No significant cross-reactivity or interference between rat MPO and analogues was observed.
Sequence Length	248
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MPZ elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MPO has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MPO present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MPO is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MPO bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	295391071
NCBI GeneID	4359
NCBI Accession #	NP_000521.2
NCBI GenBank Nucleotide #	NM_000530.6
UniProt Accession #	P25189; Q16072; Q5VTH4; Q92677; Q9BR67
Molecular Weight	27,555 Da
NCBI Official Full Name	myelin protein P0
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; myelin peripheral protein; Charcot-Marie-Tooth neuropathy 1B
UniProt Protein Name	Myelin protein P0
UniProt Gene Name	MPZ
UniProt Synonym Gene Names	MPP
UniProt Entry Name	MYPO_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.