

Human MPZL1 (Myelin protein zero like 1) ELISA Kit | MPZL1 elisa kit

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CATALOG #
AAA250567

REACTIVITY
Human

PRODUCT SYNONYMS

MPZL1 (Myelin protein zero like 1); Human MPZL1 (Myelin protein zero like 1) ELISA Kit; Myelin protein zero-like protein 1; Protein zero-related; MPZL1; MPZL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MPZL1. No significant cross-reactivity or interference between MPZL1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for MPZL1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226054871
NCBI GeneID	9019
NCBI Accession #	NP_001139663.1
NCBI GenBank Nucleotide #	NM_001146191.1
UniProt Accession #	O95297; Q5R332; Q8IX11; Q9BWZ3; Q9NYK4; Q9UL20; B2REB9; B2RECO
Molecular Weight	12,354 Da
NCBI Official Full Name	myelin protein zero-like protein 1 isoform c

NCBI Official Synonym Full Names	myelin protein zero-like 1
NCBI Official Symbol	MPZL1
NCBI Official Synonym Symbols	PZR; PZRα; PZRβ; PZR1b; MPZL1b
NCBI Protein Information	myelin protein zero-like protein 1; immunoglobulin family transmembrane protein; protein zero related; protein zero-related
UniProt Protein Name	Myelin protein zero-like protein 1
UniProt Gene Name	MPZL1
UniProt Synonym Gene Names	PZR
UniProt Entry Name	MPZL1_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/human-elisa-kits/mpzl1-myelin-protein-zero-like-1/250567>