

Human peripheral myelin protein 2 ELISA Kit | PMP2 elisa kit

Human Myelin P2 protein, PMP2 ELISA Kit

CATALOG #
AAA80716

REACTIVITY
Human

PRODUCT SYNONYMS

peripheral myelin protein 2; Human Myelin P2 protein; PMP2 ELISA Kit; Human Myelin P2 protein (PMP2) ELISA kit; FABP8; M-FABP; MP2; P2; ; PMP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PMP2. No significant cross-reactivity or interference between human PMP2 and analogues was observed.
Sequence Length	132
Samples	Serum, plasma, tissue homogenates, cell lysates
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.

ADDITIONAL INFORMATION

Related Product Information for PMP2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PMP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PMP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PMP2 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 PMP2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505909
NCBI GeneID	5375
NCBI Accession #	NP_002668.1
NCBI GenBank Nucleotide #	NM_002677.3
UniProt Accession #	P02689; Q6FHL4
Molecular Weight	14,909 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; MP2; FABP8; M-FABP
NCBI Protein Information	myelin P2 protein
UniProt Protein Name	Myelin P2 protein
UniProt Gene Name	PMP2
UniProt Entry Name	MYP2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/pmp2-human-elisa-kits/peripheral-myelin-protein-2/80716>