

Human Peripheral Myelin Protein 22 (PMP22) RTU ELISA Kit | PMP22 rtu elisa kit

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CATALOG #
AAA217907

REACTIVITY
Human

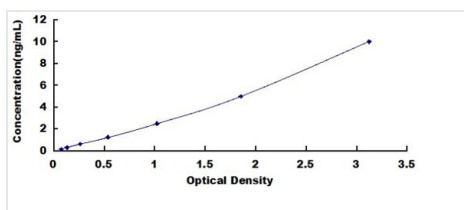
PRODUCT SYNONYMS

Peripheral Myelin Protein 22 (PMP22); Human Peripheral Myelin Protein 22 (PMP22) ELISA Kit; DSS; CMT1A; CMT1E; GAS3; HMSNIA; HNPP; Sp110; Growth arrest-specific protein 3; PMP22 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	160
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.064ng/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 PMP22 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PMP22. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PMP22. 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 PMP22, 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 PMP22 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505907
NCBI GeneID	5376
NCBI Accession #	NP_000295.1
NCBI GenBank Nucleotide #	NM_000304.3
UniProt Accession #	Q01453; Q8WV01
Molecular Weight	17,891 Da
NCBI Official Full Name	peripheral myelin protein 22 isoform 1
NCBI Official Synonym Full Names	peripheral myelin protein 22
NCBI Official Symbol	PMP22
NCBI Official Synonym Symbols	DSS; CIDP; GAS3; HNPP; CMT1A; CMT1E; GAS-3; Sp110; HMSNIA
NCBI Protein Information	peripheral myelin protein 22
UniProt Protein Name	Peripheral myelin protein 22
UniProt Gene Name	PMP22
UniProt Synonym Gene Names	GAS3; PMP-22; GAS-3

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-rtu-elisa-kits/peripheral-myelin-protein-22-pmp22/217907>