

Human Paraneoplastic Antigen MA2 (PNMA2) ELISA Kit | PNMA2 elisa kit

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CATALOG #
AAA187299

REACTIVITY
Human

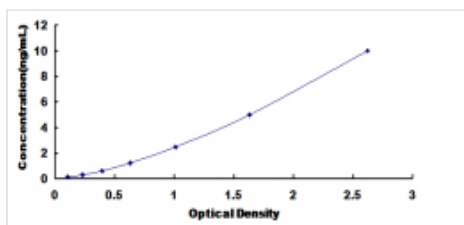
PRODUCT SYNONYMS

Paraneoplastic Antigen MA2 (PNMA2); Human Paraneoplastic Antigen MA2 (PNMA2) ELISA Kit; RGAG2; 40 kDa neuronal protein; Onconeural antigen Ma2; Paraneoplastic neuronal antigen MM2; PNMA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Paraneoplastic Antigen MA2 (PNMA2). No significant cross-reactivity or interference between Paraneoplastic Antigen MA2 (PNMA2) and analogues was observed.
Sequence Length	364
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.058ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Paraneoplastic Antigen MA2 (PNMA2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Paraneoplastic Antigen MA2 (PNMA2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PNMA2 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Paraneoplastic Antigen MA2 (PNMA2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Paraneoplastic Antigen MA2 (PNMA2). 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 Paraneoplastic Antigen MA2 (PNMA2), 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 ± 10nm. The concentration of Paraneoplastic Antigen MA2 (PNMA2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11464969
NCBI GeneID	10687
NCBI Accession #	NP_009188.1
NCBI GenBank Nucleotide #	NM_007257.5
UniProt Accession #	Q9UL42; O94959; O95145; Q49A18; Q9UL43; B3KNY9
Molecular Weight	41,509 Da
NCBI Official Full Name	paraneoplastic antigen Ma2
NCBI Official Synonym Full Names	PNMA family member 2
NCBI Official Symbol	PNMA2
NCBI Official Synonym Symbols	MA2; MM2; RGAG2
NCBI Protein Information	paraneoplastic antigen Ma2
UniProt Protein Name	Paraneoplastic antigen Ma2
UniProt Gene Name	PNMA2
UniProt Synonym Gene Names	KIAA0883; MA2

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.