

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

Human Paraneoplastic Antigen MA2 (PNMA2) ELISA Kit

CATALOG #  
**AAA66844**

REACTIVITY  
**Human**

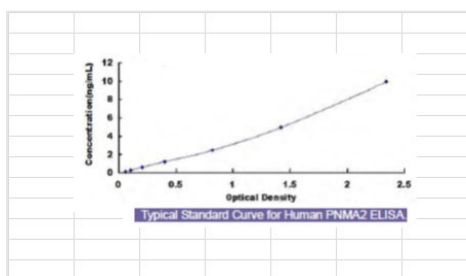
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                      |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of PNMA2. No significant cross-reactivity or interference between PNMA2 and analogues was observed.                                |
| Sequence Length         | 364                                                                                                                                                                                                        |
| Samples                 | Tissue homogenates and other biological fluids.                                                                                                                                                            |
| Assay Type              | Sandwich                                                                                                                                                                                                   |
| Detection Range         | 0.156-10ng/mL                                                                                                                                                                                              |
| Sensitivity             | 0.058ng/mL                                                                                                                                                                                                 |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PNMA2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%                                    |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PNMA2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%  |
| Preparation and Storage | For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C. |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for PNMA2 elisa kit | <p>Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PNMA2 in human tissue homogenates and other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PNMA2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 PNMA2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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 | paraneoplastic Ma antigen 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/paraneoplastic-antigen-ma2-pnma2/66844>