

## Mouse Anti-Ribonucleoprotein Antibody ELISA Kit | RNP elisa kit

Mouse Anti-Ribonucleoprotein Antibody ELISA Kit

CATALOG #  
**AAA16454**

REACTIVITY  
**Mouse**

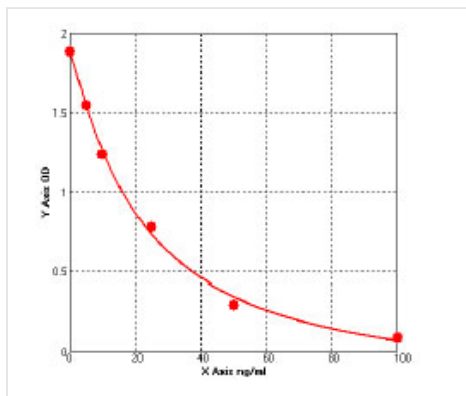
### PRODUCT SYNONYMS

Anti-Ribonucleoprotein Antibody; Mouse Anti-Ribonucleoprotein Antibody ELISA Kit; RNP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                                |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Anti-RNP. No significant cross-reactivity or interference between Anti-RNP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between Anti-RNP and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                             |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                           |
| Sensitivity             | 1.0 ng/mL                                                                                                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                                  |

### IMAGES



Standard Curve (Sample)

## ADDITIONAL INFORMATION

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|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for RNP elisa kit | <p>Principle of the Assay: Anti-RNP ELISA kit applies the competitive enzyme immunoassay technique utilizing Ribonucleoprotein antigen and an Anti-RNP-HRP conjugate. The assay sample and buffer are incubated together with Anti-RNP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Anti-RNP concentration since Anti-RNP from samples and Anti-RNP-HRP conjugate compete for the Ribonucleoprotein antigen binding site. Since the number of sites is limited, as more sites are occupied by Anti-RNP from the sample, fewer sites are left to bind Anti-RNP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Anti-RNP concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This Anti-RNP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse Anti-RNP. This ELISA kit for research use only, not for therapeutic or diagnostic applications!</p> |
| Product Categories/Family for RNP elisa kit   | Cell Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 16905456                                                                                                                                                     |
| NCBI GeneID                      | 4670                                                                                                                                                         |
| Molecular Weight                 | – Da                                                                                                                                                         |
| NCBI Official Full Name          | ribonucleoprotein                                                                                                                                            |
| NCBI Official Synonym Full Names | heterogeneous nuclear ribonucleoprotein M                                                                                                                    |
| NCBI Official Symbol             | HNRNPM                                                                                                                                                       |
| NCBI Official Synonym Symbols    | CEAR; HNRPM; HTGR1; NAGR1; HNRPM4; HNRNPM4; hnRNP M                                                                                                          |
| NCBI Protein Information         | heterogeneous nuclear ribonucleoprotein M; CEA receptor; hnRNA-binding protein M4; N-acetylglucosamine receptor 1; heterogenous nuclear ribonucleoprotein M4 |
| UniProt Protein Name             | Heterogeneous nuclear ribonucleoprotein M                                                                                                                    |
| UniProt Gene Name                | <b>HNRNPM</b>                                                                                                                                                |
| UniProt Synonym Gene Names       | HNRPM; NAGR1; hnRNP M                                                                                                                                        |
| UniProt Entry Name               | HNRPM_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://stage.aaabiotech.com/rnp-mouse-elisa-kits/anti-ribonucleoprotein-antibody/16454>