

## Human Ribonucleoside-diphosphate reductase subunit M2 ELISA Kit | RRM2 elisa kit

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CATALOG #  
**AAA310099**

REACTIVITY  
**Human**

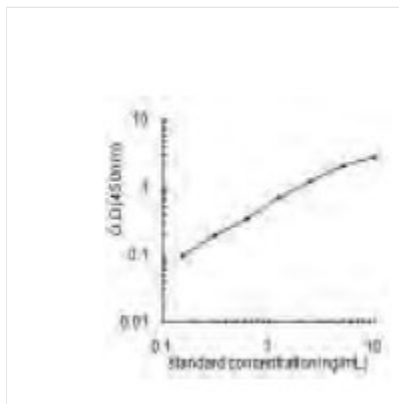
### PRODUCT SYNONYMS

Ribonucleoside-diphosphate reductase subunit M2; Human Ribonucleoside-diphosphate reductase subunit M2 ELISA Kit; Ribonucleotide reductase small chain; Ribonucleotide reductase small subunit; RRM2; RR2; 1.17.4.1; RRM2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                               |
| Specificity             | This assay recognizes recombinant and natural General target antigen. No significant cross-reactivity or interference was observed. |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids                                             |
| Detection Range         | 0.156-10 ng/mL                                                                                                                      |
| Sensitivity             | < 0.078 ng/mL                                                                                                                       |
| Intra-assay Precision   | <=5.6%                                                                                                                              |
| Inter-assay Precision   | <=9.2%                                                                                                                              |
| Preparation and Storage | Store at 4 degree C                                                                                                                 |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| Related Product Information for RRM2 elisa kit | <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antibody biotin- conjugated antigen and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of general target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 4557845                                                   |
| NCBI GeneID                      | 6241                                                      |
| NCBI Accession #                 | NP_001025.1                                               |
| NCBI GenBank Nucleotide #        | NM_001034.3                                               |
| UniProt Accession #              | P31350; Q5WRU7; B2R9B5; J3KP43                            |
| Molecular Weight                 | 51,093 Da                                                 |
| NCBI Official Full Name          | ribonucleoside-diphosphate reductase subunit M2 isoform 2 |
| NCBI Official Synonym Full Names | ribonucleotide reductase regulatory subunit M2            |
| NCBI Official Symbol             | RRM2                                                      |
| NCBI Official Synonym Symbols    | R2; RR2; RR2M                                             |
| NCBI Protein Information         | ribonucleoside-diphosphate reductase subunit M2           |
| UniProt Protein Name             | Ribonucleoside-diphosphate reductase subunit M2           |
| UniProt Gene Name                | RRM2                                                      |
| UniProt Synonym Gene Names       | RR2                                                       |

**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/rrm2-human-elisa-kits/ribonucleoside-diphosphate-reductase-subunit-m2/310099>