

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

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CATALOG #
AAA99923

REACTIVITY
Human

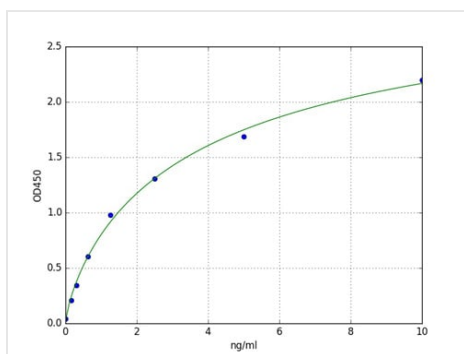
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	449
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a RRM2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.005	0.103	0.197	0.272	0.376	1.172	1.867	2.451

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RRM2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-RRM2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-RRM2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the RRM2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of RRM2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	260064013
NCBI GeneID	6241
NCBI Accession #	NP_001159403.1
NCBI GenBank Nucleotide #	NM_001165931.1
Molecular Weight	51,093 Da
NCBI Official Full Name	ribonucleoside-diphosphate reductase subunit M2 isoform 1
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
UniProt Entry Name	RIR2_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/rrm2-human-elisa-kits/ribonucleoside-diphosphate-reductase-subunit-m2/99923>