

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

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CATALOG # AAA44281	REACTIVITY Human
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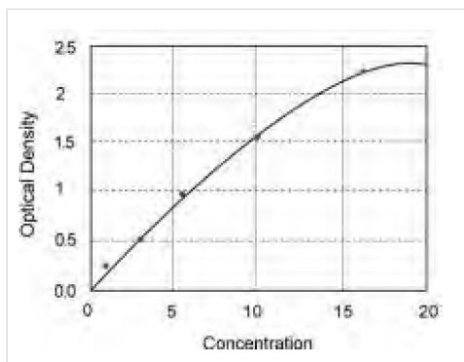
PRODUCT SYNONYMS

Ribonucleoside-diphosphate reductase subunit M2 (RRM2); Human Ribonucleoside-diphosphate reductase subunit M2 (RRM2) ELISA Kit; RRM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	449
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	5-1800ng/L
Sensitivity	2.65ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RRM2 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human RRM2 antibody. RRM2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human RRM2 Antibody is added and binds to RRM2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated RRM2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human RRM2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Ribonucleoside-diphosphate reductase subunit M2 (also known as RRM2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	260064013
NCBI GeneID	6241
NCBI Accession #	NP_001159403.1
NCBI GenBank Nucleotide #	NM_001165931.1
UniProt Accession #	P31350; Q5WRU7; B2R9B5; J3KP43
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

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.