

Human Ribonucleoside-diphosphate reductase large subunit ELISA Kit | RRM1 elisa kit

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CATALOG #
AAA98409

REACTIVITY
Human

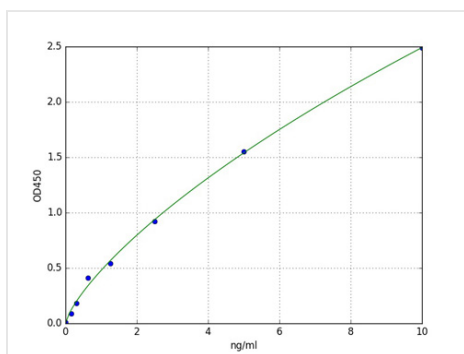
PRODUCT SYNONYMS

Ribonucleoside-diphosphate reductase large subunit; Human Ribonucleoside-diphosphate reductase large subunit ELISA Kit; RRM1/R1/RR1/RIR1/Ribonucleoside-diphosphate reductase subunit M1/Ribonucleotide reductase large subunit; RRM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	792
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, 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 Human RRM1 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	0.048	0.115	0.158	0.271	0.479	0.811	1.474	2.265

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RRM1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human RRM1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human RRM1 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. HRPStreptavidin 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 Human RRM1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human RRM1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506749
NCBI GeneID	6240
NCBI Accession #	NP_001024.1
NCBI GenBank Nucleotide #	NM_001033.4
Molecular Weight	90,070 Da
NCBI Official Full Name	ribonucleoside-diphosphate reductase large subunit isoform 1
NCBI Official Synonym Full Names	ribonucleotide reductase catalytic subunit M1
NCBI Official Symbol	RRM1
NCBI Official Synonym Symbols	R1; RR1; RIR1
NCBI Protein Information	ribonucleoside-diphosphate reductase large subunit
UniProt Protein Name	Ribonucleoside-diphosphate reductase large subunit
UniProt Gene Name	RRM1
UniProt Synonym Gene Names	RR1
UniProt Entry Name	RIR1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rrm1-human-elisa-kits/ribonucleoside-diphosphate-reductase-large-subunit/98409>