

Rabbit Anti-Ribonucleoprotein Antibody ELISA Kit | RNP elisa kit

Rabbit Anti-Ribonucleoprotein Antibody ELISA Kit

CATALOG #
AAA84209

REACTIVITY
Rabbit

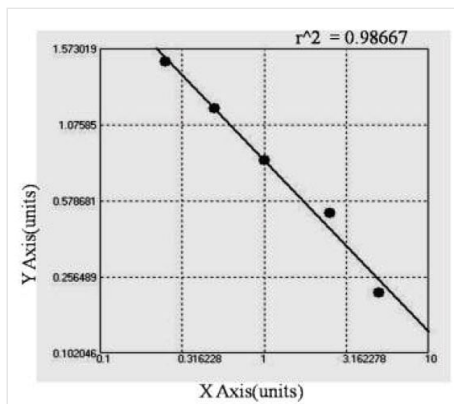
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	10-250 U/mL
Sensitivity	0.1 U/mL
Intended Uses	This Anti-RNP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit Anti-RNP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RNP elisa kit

Principle of the assay: Anti-RNP ELISA kit applies the competitive enzyme immunoassay technique utilizing RNP 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 RNP 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.

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	HNRNPM
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/rnp-rabbit-elisa-kits/anti-ribonucleoprotein-antibody/84209>