

Human Anti Ribonucleoprotein Antibody ELISA Kit | RNP elisa kit

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CATALOG #
AAA16489

REACTIVITY
Human

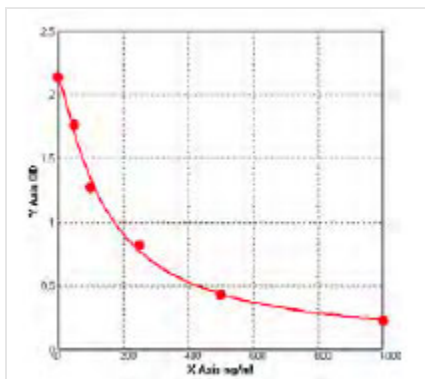
PRODUCT SYNONYMS

Anti Ribonucleoprotein Antibody; Human Anti Ribonucleoprotein Antibody ELISA Kit; RNP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-RNP. No significant cross-reactivity or interference between Anti-RNP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between Anti-RNP and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RNP elisa kit	Intended Uses: This Anti-RNP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human Anti-RNP. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: Anti-RNP ELISA kit applies the competitive enzyme immunoassay technique utilizing Ribonucleoprotein 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 Ribonucleoprotein 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.
Product Categories/Family for RNP elisa kit	Cell Biology

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.

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Online datasheet: <https://stage.aaabiotech.com/rnp-human-elisa-kits/anti-ribonucleoprotein-antibody/16489>