

Rat Heterogeneous nuclear ribonucleoprotein A2 ELISA Kit | hnRNP A2 elisa kit

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CATALOG #
AAA82455

REACTIVITY
Rat

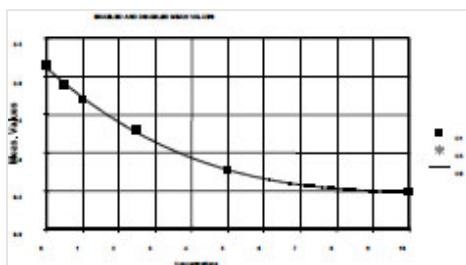
PRODUCT SYNONYMS

Heterogeneous nuclear ribonucleoprotein A2; Rat Heterogeneous nuclear ribonucleoprotein A2 ELISA Kit; hnRNP A2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for hnRNP A2 elisa kit

For Samples: Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma

Intended Uses: This HNRNP/RA33 ELISA kit is intended for laboratory research use only. The stop solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of HNRNP/RA33 in the sample, this HNRNP/RA33 ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus HNRNP/RA33 concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: The coated well immunoenzymatic assay for the quantitative measurement of HNRNP/RA33 utilizes a monoclonal anti-HNRNP/RA33 antibody and an HNRNP/RA33-HRP conjugate. The assay sample and buffer are incubated together with HNRNP/RA33-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 HNRNP/RA33 concentration since HNRNP/RA33 from samples and HNRNP/RA33-HRP conjugate compete for the anti-HNRNP/RA33 antibody binding site. Since the number of sites is limited, as more sites are occupied by HNRNP/RA33 from the sample, fewer sites are left to bind HNRNP/RA33-HRP conjugate. Standards of known HNRNP/RA33 concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (Optical Density) to the concentration of HNRNP/RA33. The HNRNP/RA33 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	565644
NCBI GeneID	3181
Molecular Weight	36,006 Da
NCBI Official Full Name	hnRNP A2 protein
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein A2/B1
NCBI Official Symbol	HNRNPA2B1
NCBI Official Synonym Symbols	RNPA2; HNRPA2; HNRPB1; SNRPB1; HNRNPA2; HNRNPB1; IBMPFD2; HNRPA2B1
NCBI Protein Information	heterogeneous nuclear ribonucleoproteins A2/B1; hnRNP A2 / hnRNP B1; nuclear ribonucleoprotein particle A2 protein
UniProt Protein Name	Heterogeneous nuclear ribonucleoproteins A2/B1
UniProt Gene Name	HNRNPA2B1
UniProt Synonym Gene Names	HNRPA2B1; hnRNP A2/B1
UniProt Entry Name	ROA2_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/hnnp-a2-rat-elisa-kits/heterogeneous-nuclear-ribonucleoprotein-a2/82455>