

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

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CATALOG #
AAA95109

REACTIVITY
Porcine

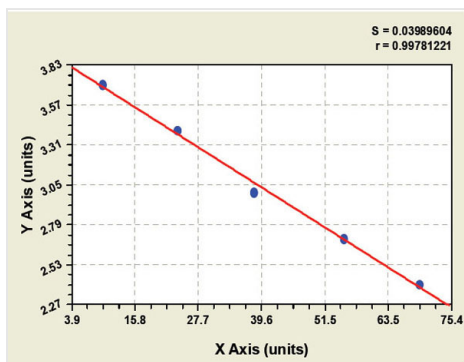
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This hnRNP A2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine hnRNP A2. This ELISA kit for research use only, not for therapeutic applications
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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

Principle of the Assay: hnRNP A2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-hnRNP A2 antibody and an hnRNP A2-HRP conjugate. The assay sample and buffer are incubated together with hnRNP A2-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 A2 concentration since hnRNP A2 from samples and hnRNP A2-HRP conjugate compete for the anti-hnRNP A2 antibody binding site. Since the number of sites is limited, as more sites are occupied by hnRNP A2 from the sample, fewer sites are left to bind hnRNP A2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The hnRNP A2 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.

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Online datasheet: <https://stage.aaabiotech.com/hnnp-a2-porcine-elisa-kits/heterogeneous-nuclear-ribonucleoprotein-a2/95109>