

Rat Heterogeneous Nuclear Ribonucleoprotein A1 ELISA Kit | hnRNP A1 elisa kit

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CATALOG #
AAA83667

REACTIVITY
Rat

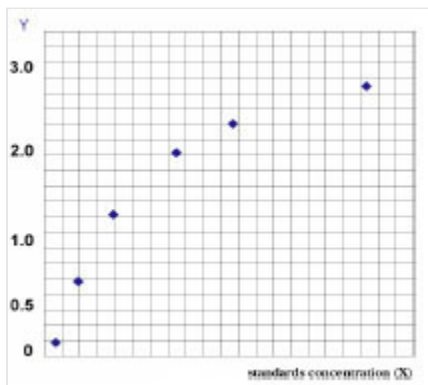
PRODUCT SYNONYMS

Heterogeneous Nuclear Ribonucleoprotein A1; Rat Heterogeneous Nuclear Ribonucleoprotein A1 ELISA Kit; hnRNP A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for hnRNP A1 elisa kit	Intended Uses: This HNRPA1 ELISA kit is intended Laboratory for 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 ofHNRPA1 in the sample, thisHNRPA1 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 versusHNRPA1 concentration. The concentration ofHNRPA1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This HNRPA1 enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific forHNRPA1. Standards or samples are then added to the microtiter plate wells andHNRPA1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount ofHNRPA1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific forHNRPA1 are added to each well to "sandwich" theHNRPA1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that containHNRPA1 and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
Product Categories/Family for hnRNP A1 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	14043070
NCBI GeneID	3178
NCBI Accession #	NP_112420.1
NCBI GenBank Nucleotide #	NM_031157.2
Molecular Weight	29,386 Da
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein A1 isoform b
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein A1
NCBI Official Symbol	HNRNPA1
NCBI Official Synonym Symbols	ALS19; ALS20; HNRPA1; IBMPFD3; HNRPA1L3; hnRNP A1; hnRNP-A1
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein A1; hnRNP A1-like 3; hnRNP core protein A1; helix-destabilizing protein; hnRNP core protein A1-like 3; single-strand RNA-binding protein; single-strand DNA-binding protein UP1; nuclear ribonucleoprotein particle A1 protein; heterogeneous nuclear ribonucleoprotein B2 protein; heterogeneous nuclear ribonucleoprotein A1B protein; heterogeneous nuclear ribonucleoprotein core protein A1; Putative heterogeneous nuclear ribonucleoprotein A1-like 3
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein A1
UniProt Gene Name	HNRNPA1
UniProt Synonym Gene Names	HNRPA1; hnRNP A1
UniProt Entry Name	ROA1_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.