

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

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CATALOG #
AAA16617

REACTIVITY
Human

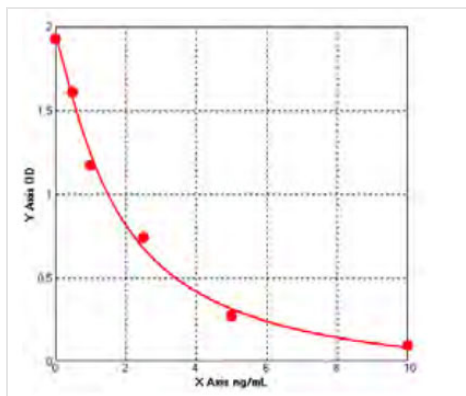
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HNRNPA1. No significant cross-reactivity or interference between HNRNPA1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HNRNPA1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/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	Principle of the Assay: HNRNPA1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HNRNPA1 antibody and an HNRNPA1-HRP conjugate. The assay sample and buffer are incubated together with HNRNPA1-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 HNRNPA1 concentration since HNRNPA1 from samples and HNRNPA1-HRP conjugate compete for the anti-HNRNPA1 antibody binding site. Since the number of sites is limited, as more sites are occupied by HNRNPA1 from the sample, fewer sites are left to bind HNRNPA1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HNRNPA1 concentration in each sample is interpolated from this standard curve. Intended Uses: This HNRNPA1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanHNRNPA1. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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.