

Human Heterogeneous Nuclear Ribonucleoprotein U (HNRPU) ELISA Kit | HNRPU elisa kit

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CATALOG #
AAA63504

REACTIVITY
Human

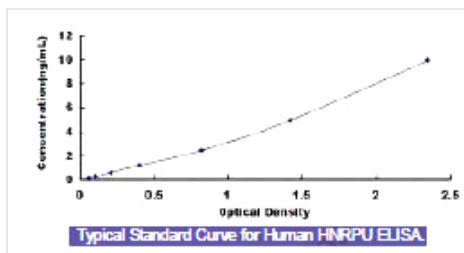
PRODUCT SYNONYMS

Heterogeneous Nuclear Ribonucleoprotein U (HNRPU); Human Heterogeneous Nuclear Ribonucleoprotein U (HNRPU) ELISA Kit; hnRNP-U; HNRNPU; SAF-A; U21.1; Scaffold Attachment Factor A; HNRPU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HNRPU. No significant cross-reactivity or interference between HNRPU and analogues was observed.
Sequence Length	806
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HNRPU were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HNRPU were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HNRPU elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HNRPU in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HNRPU. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HNRPU. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HNRPU, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of HNRPU in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14141161
NCBI GeneID	3192
NCBI Accession #	NP_004492.2
NCBI GenBank Nucleotide #	NM_004501.3
UniProt Accession #	Q00839; O75507; Q8N174; Q96HY9; Q9BQ09
Molecular Weight	88,980 Da
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein U isoform b
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein U
NCBI Official Symbol	HNRNPU
NCBI Official Synonym Symbols	SAFA; HNRPU; SAF-A; U21.1; hnRNP U; HNRNPU-AS1
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein U
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein U
UniProt Gene Name	HNRNPU
UniProt Synonym Gene Names	HNRPU; SAFA; U21.1; hnRNP U; SAF-A

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.