

Human Heterogeneous nuclear ribonucleoproteins C1/C2 (HNRNPC) ELISA Kit | HNRNPC elisa kit

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CATALOG # AAA244353	REACTIVITY Human
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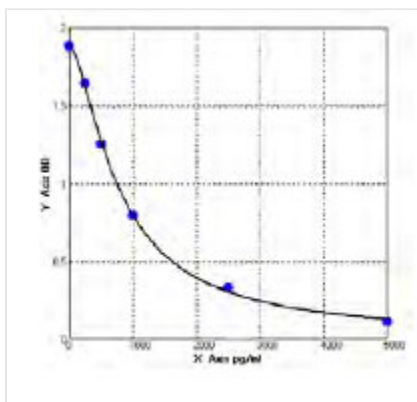
PRODUCT SYNONYMS

Heterogeneous nuclear ribonucleoproteins C1/C2 (HNRNPC); Human Heterogeneous nuclear ribonucleoproteins C1/C2 (HNRNPC) ELISA Kit; HNRNPC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HNRNPC. No significant cross-reactivity or interference between HNRNPC and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HNRNPC and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HNRNPC elisa kit	Intended Uses: This HNRNPC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human HNRNPC. This ELISA kit for research use only! Principle of the Assay: HNRNPC ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HNRNPC antibody and an HNRNPC-HRP conjugate. The assay sample and buffer are incubated together with HNRNPC-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 HNRNPC concentration since HNRNPC from samples and HNRNPC-HRP conjugate compete for the anti-HNRNPC antibody binding site. Since the number of sites is limited, as more sites are occupied by HNRNPC from the sample, fewer sites are left to bind HNRNPC-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HNRNPC concentration in each sample is interpolated from this standard curve.
Product Categories/Family for HNRNPC elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	117189975
NCBI GeneID	3183
NCBI Accession #	NP_112604.2
NCBI GenBank Nucleotide #	NM_031314.2
Molecular Weight	27,822 Da
NCBI Official Full Name	heterogeneous nuclear ribonucleoproteins C1/C2 isoform a
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein C (C1/C2)
NCBI Official Symbol	HNRNPC
NCBI Official Synonym Symbols	C1; C2; HNRNP; HNRPC; SNRPC
NCBI Protein Information	heterogeneous nuclear ribonucleoproteins C1/C2; hnRNP C1/C2; nuclear ribonucleoprotein particle C1 protein; nuclear ribonucleoprotein particle C2 protein
UniProt Protein Name	Heterogeneous nuclear ribonucleoproteins C1/C2
UniProt Gene Name	HNRNPC
UniProt Synonym Gene Names	HNRPC; hnRNP C1/C2
UniProt Entry Name	HNRPC_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/human-elisa-kits/heterogeneous-nuclear-ribonucleoproteins-c1-c2-hnrnpc/244353>