

Rat Small Nuclear Ribonucleoprotein Polypeptide C ELISA Kit | SNRPC elisa kit

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CATALOG #
AAA86537

REACTIVITY
Rat

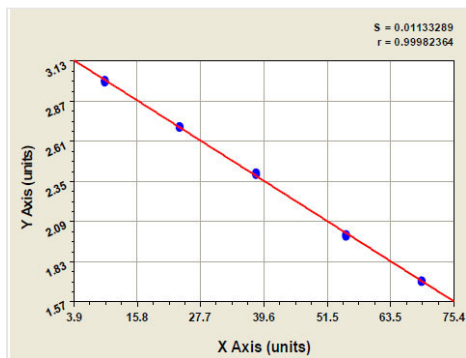
PRODUCT SYNONYMS

Small Nuclear Ribonucleoprotein Polypeptide C; Rat Small Nuclear Ribonucleoprotein Polypeptide C ELISA Kit; SNRPC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/ml
Intended Uses	This SNRPC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat SNRPC. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SNRPC elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	56204354
UniProt Accession #	Q5TAL2
Molecular Weight	12,352 Da
UniProt Protein Name	U1 small nuclear ribonucleoprotein C
UniProt Gene Name	SNRPC
UniProt Entry Name	Q5TAL2_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/snrpc-rat-elisa-kits/small-nuclear-ribonucleoprotein-polypeptide-c/86537>