

Canine Small Nuclear Ribonucleoprotein Polypeptide D1 ELISA Kit | SNRPD1 elisa kit

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CATALOG #
AAA96584

REACTIVITY
Canine

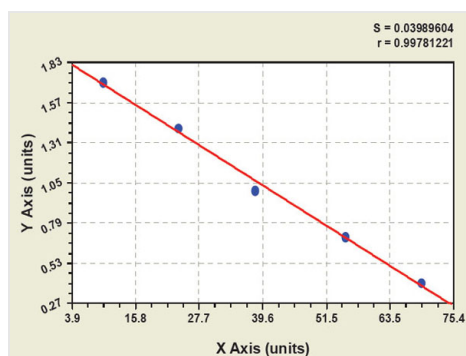
PRODUCT SYNONYMS

Small Nuclear Ribonucleoprotein Polypeptide D1; Canine Small Nuclear Ribonucleoprotein Polypeptide D1 ELISA Kit; SNRPD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
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 SNRPD1 elisa kit

Principle of the assay: SNRPD1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SNRPD1 antibody and an SNRPD1-HRP conjugate. The assay sample and buffer are incubated together with SNRPD1-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 SNRPD1 concentration since SNRPD1 from samples and SNRPD1-HRP conjugate compete for the anti-SNRPD1 antibody binding site. Since the number of sites is limited, as more sites are occupied by SNRPD1 from the sample, fewer sites are left to bind SNRPD1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SNRPD1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SNRPD1 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	119621535
NCBI GeneID	6632
Molecular Weight	13,282 Da
NCBI Official Full Name	small nuclear ribonucleoprotein D1 polypeptide 16kDa
NCBI Official Synonym Full Names	small nuclear ribonucleoprotein D1 polypeptide 16kDa
NCBI Official Symbol	SNRPD1
NCBI Official Synonym Symbols	SMD1; SNRPD; Sm-D1; HsT2456
NCBI Protein Information	small nuclear ribonucleoprotein Sm D1; Sm-D autoantigen; snRNP core protein D1; small nuclear ribonucleoprotein D1 polypeptide 16kDa pseudogene
UniProt Protein Name	Small nuclear ribonucleoprotein Sm D1
UniProt Gene Name	SNRPD1
UniProt Synonym Gene Names	Sm-D1
UniProt Entry Name	SMD1_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/snrdp1-canine-elisa-kits/small-nuclear-ribonucleoprotein-polypeptide-d1/96584>