

Human Small Nuclear Ribonucleoprotein Polypeptide D2 (SNRPD2) ELISA Kit | SNRPD2 elisa kit

Human Small Nuclear Ribonucleoprotein Polypeptide D2 (SNRPD2)(Sandwich ELISA) ELISA Kit

CATALOG # AAA152439	REACTIVITY Human
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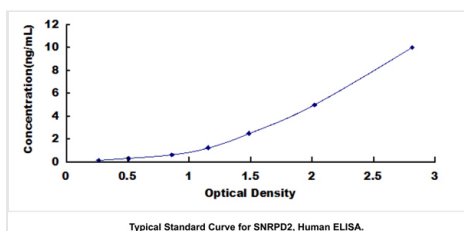
PRODUCT SYNONYMS

Small Nuclear Ribonucleoprotein Polypeptide D2 (SNRPD2); Human Small Nuclear Ribonucleoprotein Polypeptide D2 (SNRPD2)(Sandwich ELISA) ELISA Kit; ELISA Kit for Small Nuclear Ribonucleoprotein Polypeptide D2 (SNRPD2); SNRP-D2; SMD2; Sm-D2; snRNP Core Protein D2; SNRPD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SNRPD2. No significant cross-reactivity or interference between SNRPD2 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates, cell culture supernates and other biological fluids
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 SNRPD2 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 SNRPD2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf-life: one year The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SNRPD2 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SNRPD2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to SNRPD2. 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 SNRPD2, 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 SNRPD2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SNRPD2 in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51338666
NCBI GeneID	6633
UniProt Accession #	P62316; P43330; A8K797; J3KPM5
Molecular Weight	118
NCBI Official Full Name	Small nuclear ribonucleoprotein Sm D2
NCBI Official Synonym Full Names	small nuclear ribonucleoprotein D2 polypeptide 16.5kDa
NCBI Official Symbol	SNRPD2
NCBI Official Synonym Symbols	SMD2; Sm-D2; SNRPD1
NCBI Protein Information	small nuclear ribonucleoprotein Sm D2; snRNP core protein D2
UniProt Protein Name	Small nuclear ribonucleoprotein Sm D2
UniProt Gene Name	SNRPD2
UniProt Synonym Gene Names	SNRPD1; Sm-D2
UniProt Entry Name	SMD2_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.