

Human Splicing Factor Proline And Glutamine Rich (SFPQ) ELISA Kit | SFPQ elisa kit

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CATALOG #
AAA219672

REACTIVITY
Human

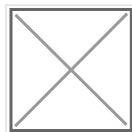
PRODUCT SYNONYMS

Splicing Factor Proline And Glutamine Rich (SFPQ); Human Splicing Factor Proline And Glutamine Rich (SFPQ) ELISA Kit; Polypyrimidine tract-binding protein-associated-splicing factor(PSF;PTB-associated-splicing factor); 100 kDa DNA-pairing protein(hPOMp100); DNA-binding p52/p100 complex; 100 kDa subunit; SFPQ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SFPQ. No significant cross-reactivity or interference between SFPQ and analogues was observed.
Sequence Length	707
Samples	Human Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.051ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SFPQ 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 SFPQ were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Stable for 12 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SFPQ elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of SFPQ in human serum, plasma, tissue homogenates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SFPQ. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SFPQ. 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 SFPQ, 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 SFPQ in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826998
NCBI GeneID	6421
NCBI Accession #	NP_005057.1
NCBI GenBank Nucleotide #	NM_005066.2
UniProt Accession #	P23246; P30808; Q5SZ71
Molecular Weight	72,263 Da
NCBI Official Full Name	splicing factor, proline- and glutamine-rich
NCBI Official Synonym Full Names	splicing factor proline and glutamine rich
NCBI Official Symbol	SFPQ
NCBI Official Synonym Symbols	PSF; POMP100; PPP1R140
NCBI Protein Information	splicing factor, proline- and glutamine-rich
UniProt Protein Name	Splicing factor, proline- and glutamine-rich
UniProt Gene Name	SFPQ
UniProt Synonym Gene Names	PSF; PSF1 PublicationManual assertion based on opinion iniRef.1; PTB-associated-splicing factor

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/human-elisa-kits/splicing-factor-proline-and-glutamine-rich-sfpq/219672>