Human Far upstream element-binding protein 2 (KHSRP) ELISA Kit

Catalog No: #EK10229

Package Size: #EK10229-1 48T #EK10229-2 96T

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Human Far upstream element-binding protein 2 (KHSRP) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	FBP2; FUBP2; KSRP; MGC99676; FUSE binding protein 2|far upstream element-binding protein 2
Accession No.	Q92945
Uniprot	Q92945
GeneID	8570;
Storage	The stability of ELISA 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. The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

Application Details

Detect Range:39-2500 pg/mL

Sensitivity:9.75 pg/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate KHSRP in samples. An antibody specific for KHSRP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyKHSRP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for KHSRP is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of KHSRP bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:The KHSRP gene encodes a multifunctional RNA-binding protein implicated in a variety of cellular processes, including transcription, alternative pre-mRNA splicing, and mRNA localization. The pre-mRNA of the protooncogene SRC contains an 18-nucleotide exon, N1, that is spliced into the mRNA in neuronal cells but is excluded in nonneuronal cells. N1 exon inclusion in neurons is under the positive control of an intronic regulatory sequence called the downstream control sequence (DCS).The predicted 711-amino acid protein contains a proline/glycine-rich N terminus and a C-terminal domain that is rich in proline, glycine, alanine, and glutamine. The central region contains 4 tandemly repeated KH domains, leading the authors to rename the protein 'KH-type splicing regulatory protein' (KSRP).

Note: This product is for in vitro research use only