Human Glutamine and serine-rich protein 1 (QSER1) ELISA Kit

Catalog No: #EK7831

Package Size: #EK7831-1 48T #EK7831-2 96T

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

Description

Product Name	Human Glutamine and serine-rich protein 1 (QSER1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	FLJ21924;
Accession No.	Q2KHR3
Uniprot	Q2KHR3
GeneID	79832;
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:Request Information

Sensitivity:Request Information

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 QSER1 in samples. An antibody specific for QSER1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyQSER1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for QSER1 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 QSER1 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:QSER1 protein contains two high conserved domains found not only in QSER1 but also in other protein products. This property was conserved from the human QSER1 to the Coelacanth QSER1. Multiple conserved nuclear localization signals were also predicted within the QSER1 protein by pSORT. Predictions of the QSER1 protein structure indicate that the protein contains many alpha helices. NCBI cBLAST predicted structural similarity between the QSER1 protein and the Schizosaccharomyces pombe (fission yeast) RNA Polymerase II A chain. The two regions of similarity occur between amino acids 56-194 and 322-546. This first region (56-194) is a regulatory region in both the human and yeast RNA Polymerase II containing multiple repeats of the sequence YSPTSPSYS.

Note: This product is for in vitro research use only