Human Protein FAM193A (C4orf8) ELISA Kit

Catalog No: #EK11322

Package Size: #EK11322-1 48T #EK11322-2 96T

Orders: order@signalwayantibody.com
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Description

Product Name	Human Protein FAM193A (C4orf8) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	C4orf8; RES4-22; hypothetical protein LOC8603
Accession No.	P78312
Uniprot	P78312
GeneID	8603;
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:0.156-10 ng/mL

Sensitivity:0.054 ng/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 C4orf8 in samples. An antibody specific for C4orf8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyC4orf8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for C4orf8 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 C4orf8 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:Five distinct novel transcripts (RES4-22, -23, -24, -25 and -26) that mapped to the 1-Mb interval between D4S180 and D4S183 on human chromosome 4p16.3 close to the Huntington's disease (HD) gene were isolated, and the structure and exon/intron organization of each gene were thoroughly analyzed. The transcripts of the RES4-22, -23 and -24 genes each have several isoforms by alternative splicing and these have also been defined. Two transcripts, RES4-24 and RES4-25, reside in the same genomic region with opposite polarities and they also clearly overlap. Among these transcripts, RES4-26 was found to encode a novel zinc finger protein. The transcript map based upon current level of analysis combined with data from previous studies reveals the gene-rich nature and the intricate organization of the genes in the HD locus.

Note: This product is for in vitro research use only