Mouse DmX-like protein 1 (DMXL1) ELISA Kit

Catalog No: #EK10562

Package Size: #EK10562-1 48T #EK10562-2 96T

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

Description

Product Name	Mouse DmX-like protein 1 (DMXL1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (Mus musculus)
Other Names	DKFZp779O1239; FLJ44772;
Accession No.	Q6PNC0
Uniprot	Q6PNC0
GeneID	240283;
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 DMXL1 in samples. An antibody specific for DMXL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyDMXL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DMXL1 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 DMXL1 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:By EST database searching for sequences showing homology to Drosophila DmX and by use of primers designed for RT-PCR from human placental mRNA, Kraemer et al. (2000) cloned a nearly full-length homolog, which they designated DMX-like-1. The DMXL1 cDNA encodes a deduced 3,027-amino acid protein with a calculated mass of approximately 338 kD. The protein belongs to the superfamily of WD repeat proteins, most of which have regulatory functions, and contains at least 28 WD repeat units. DMXL1 shows a high level of evolutionary conservation. By searching EST databases with the complete cDNA sequence as query, Kraemer et al. (2000) found that DMXL1 is expressed in a variety of tissues, including bone, breast, eye, foreskin, heart, parathyroid, small intestine, testis, tonsils, uterus, and whole embryo.

Note: This product is for in vitro research use only