Mouse N-terminal kinase-like protein (SCYL1) ELISA Kit

Catalog No: #EK11378

Package Size: #EK11378-1 48T #EK11378-2 96T

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Description

Product Name	Mouse N-terminal kinase-like protein (SCYL1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (Mus musculus)
Other Names	GKLP; HT019; MGC78454; NKTL; NTKL; P105; TAPK; TEIF; TRAP; N-terminal kinase-like protein|SCY1-like 1|likely ortholog of mouse N-terminal kinase-like protein|telomerase regulation-associated protein
Accession No.	Q9EQC5
Uniprot	Q9EQC5
GeneID	78891;
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:246.9-20000 pg/mL

Sensitivity:89.4 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 SCYL1 in samples. An antibody specific for SCYL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anySCYL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SCYL1 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 SCYL1 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:Chemokine (C-C motif) ligand 13 (CCL13) is a small cytokine belonging to the CC chemokine family.The chemokines are secreted proteins involved in immunoregulatory and inflammatory processes. Naruse et al. (1996) identified on chromosome 17q11.2 a cluster of chemokines from the CC family (characterized by a cys-cys sequence motif) and distinguished from a second chemokine family that features a cys-xxx-cys (CXC) motif . They mapped 1 gene of the CC family (called NCC1 by them) to the cluster using a panel of somatic cell hybrids with known deletions. NCC1 was originally characterized as an expressed sequence tag (EST). The deduced order of genes from a YAC contig assembled for the region is cen--NF1--MCP3, MCP1, NCC1, I-309--Y1741 breakpoint--RANTES--LD78-gamma, AT744.2 , LD78-beta --NCC3, NCC2, AT744.1), LD78-alpha--NCC4--RARA --tel.

Note: This product is for in vitro research use only