Mouse STE20-like serine/threonine-protein kinase (SLK) ELISA Kit

Catalog No: #EK7235

Package Size: #EK7235-1 48T #EK7235-2 96T

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

Description

Product Name	Mouse STE20-like serine/threonine-protein kinase (SLK) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (Mus musculus)
Other Names	KIAA0204; LOSK; MGC133067; STK2; bA16H23.1; se20-9; CTCL tumor antigen se20-9|Long Ste20-like Kinase|SNF1 (sucrose nonfermenting; yeast; homolog)-like kinase; SNF1 sucrose nonfermenting like kinase|
Accession No.	O54988
Uniprot	O54988
GeneID	20874;
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:0.312-20 ng/mL

Sensitivity:0.115 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 SLK in samples. An antibody specific for SLK has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anySLK present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SLK 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 SLK bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:FYN?encodes a membrane-associated tyrosine kinase that has been implicated in the control of cell growth. The protein associates with the p85 subunit of phosphatidylinositol 3-kinase and interacts with the fyn-binding protein. Alternatively spliced transcript variants encoding distinct isoforms exist. Fyn is a tyrosine specific phospho-transferase that is a member of the Src family of tyrosine protein kinases.Fyn is primarily localized to the cytoplasmic leaflet of the plasma membrane, where it phosphorylates tyrosine residues on key targets involved in a variety of different signaling pathways. Tyrosine phosphorylation of target proteins by Fyn serves to either regulate target protein activity, and/or to generate a binding site on the target protein that recruits other signaling molecules.

Note: This product is for in vitro research use only