

Mouse Speckle-type POZ protein-like (SPOPL) ELISA Kit



Catalog No: #EK6595

Orders: order@signalwayantibody.com

Package Size: #EK6595-1 48T #EK6595-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Mouse Speckle-type POZ protein-like (SPOPL) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (<i>Mus musculus</i>)
Other Names	FLJ53775; HIB homolog 2 roadkill homolog 2
Accession No.	Q2M2N2
Uniprot	Q2M2N2
GeneID	76857;
Storage	<p>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.</p> <p>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).</p>

Application Details

Detect Range:1.56-100 ng/mL

Sensitivity:0.55 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:Sandwich Test principle:This assay employs a two-site sandwich ELISA to quantitate SPOPL in samples. An antibody specific for SPOPL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anySPOPL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPOPL 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 SPOPL bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**SPOPL Belongs to the Tdpoz family.Contains 1 BTB (POZ) domain.Contains 1 MATH domain.TDPOZ, a family of bipartite animal and plant proteins that contain the TRAF (TD) and POZ/BTB domains. The Tdpoz gene cluster is mapped on chromosome 3 at 3F2.1-2.2. RT-PCR experiments and a search of expressed sequence tag (EST) databases show that the Tdpoz1-5 genes are transcribed in early embryos, particularly at the two-cell stage.

TDPOZ proteins form a new protein family on the basis of similar protein domain organization. TDPOZ proteins may be nuclear scaffold proteins probably involved in transcription regulation in early development and other cellular processes.

Note: This product is for in vitro research use only