

Human TSC22 domain family protein 3 (TSC22D3)
ELISA Kit

Catalog No: #EK5991

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Package Size: #EK5991-1 48T #EK5991-2 96T

Description

Product Name	Human TSC22 domain family protein 3 (TSC22D3) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	RP13-364K23.1; DIP; DKFZp313A1123; DSIPI; GILZ; TSC-22R; hDIP; DSIP-immunoreactive leucine zipper protein OTTHUMP00000023814 TSC-22 related protein delta sleep inducing peptide; immunoreactor glucoc
Accession No.	Q99576
Uniprot	Q99576
GeneID	1831;
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:18.52-1500 pg/mL
Sensitivity:7.15 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 TSC22D3 in samples. An antibody specific for TSC22D3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTSC22D3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TSC22D3 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 TSC22D3 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:Delta sleep-inducing peptide, abbreviated DSIP, is a neuropeptide that when infused into the mesodiencephalic ventricle of recipient rabbits induces spindle and delta EEG activity and reduced motor activities. DSIP was discovered by G.Schoeneberger and M.Monnier in 1974; first research aimed at it's somnogenous properties lead to the dubious results. Instead it was demonstrated by the works of different teams that DSIP actually plays a important role in the stress-resistance. DSIP has stress-protective, antiseizure, and immunomodulating effects. It has been demonstrated that DSIP have significant geroprotective effect. K.V. Sudakov views DSIP as one of the 4 main substances, responsible for the stress-resistance of the organism, another 3 being substance P, prolactin and beta-endorphin.

Note: This product is for in vitro research use only