

Human TSC22 Domain Family Protein 3 (TSC22D3) ELISA Kit | TSC22D3 elisa kit

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CATALOG #
AAA330348

REACTIVITY
Human

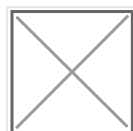
PRODUCT SYNONYMS

TSC22 Domain Family Protein 3 (TSC22D3); Human TSC22 Domain Family Protein 3 (TSC22D3) ELISA Kit; TSC22D3; 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; TSC22D3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human TSC22 domain family protein 3 (TSC22D3) ELISA Kit has high sensitivity and excellent specificity for detection of Human TSC22D3. No significant cross-reactivity or interference between Human TSC22D3 and analogues was observed.
Sequence Length	77
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human TSC22 domain family protein 3 (TSC22D3) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TSC22D3 elisa kit	Description: This Human TSC22 domain family protein 3 (TSC22D3) ELISA Kit 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 any TSC22D3 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. Background: 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62865625
NCBI GeneID	1831
NCBI Accession #	NP_001015881.1
NCBI GenBank Nucleotide #	NP_001015881.1
UniProt Accession #	Q99576
NCBI Official Full Name	TSC22 domain family protein 3 isoform 3
NCBI Official Synonym Full Names	TSC22 domain family member 3
NCBI Official Symbol	TSC22D3
NCBI Official Synonym Symbols	DIP; GILZ; DSIPI; TSC-22R
NCBI Protein Information	TSC22 domain family protein 3
UniProt Protein Name	TSC22 domain family protein 3
UniProt Gene Name	TSC22D3
UniProt Synonym Gene Names	DSIPI; GILZ; Protein DIP; hDIP; GILZ; TSC-22R
UniProt Entry Name	T22D3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.