

Rat Tsukushin (TSKU) ELISA Kit | TSKU elisa kit

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CATALOG #
AAA244991

REACTIVITY
Rat

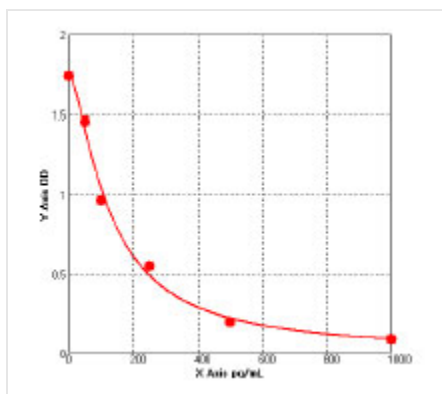
PRODUCT SYNONYMS

Tsukushin (TSKU); Rat Tsukushin (TSKU) ELISA Kit; TSKU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSKU elisa kit

Intended Uses: This TSKU ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat TSKU. This ELISA kit for research use only!

Principle of the Assay: TSKU ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TSKU antibody and an TSKU-HRP conjugate. The assay sample and buffer are incubated together with TSKU-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TSKU concentration since TSKU from samples and TSKU-HRP conjugate compete for the anti-TSKU antibody binding site. Since the number of sites is limited, as more sites are occupied by TSKU from the sample, fewer sites are left to bind TSKU-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TSKU concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	384551658
NCBI GeneID	25987
NCBI Accession #	NP_001245139.1
NCBI GenBank Nucleotide #	NM_001258210.1
Molecular Weight	37,807 Da
NCBI Official Full Name	tsukushin
NCBI Official Synonym Full Names	tsukushi, small leucine rich proteoglycan
NCBI Official Symbol	TSKU
NCBI Official Synonym Symbols	TSK; E2IG4; LRRC54
NCBI Protein Information	tsukushin; tsukushi homolog; E2-induced gene 4 protein; leucine rich repeat containing 54; leucine-rich repeat-containing protein 54; tsukushi small leucine rich proteoglycan homolog
UniProt Protein Name	Tsukushin
UniProt Gene Name	TSKU
UniProt Synonym Gene Names	E2IG4; LRRC54; TSK; UNQ850/PRO1788; Tsukushi
UniProt Entry Name	TSK_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.