

Mouse Tsukushin (TSKU) ELISA Kit | TSKU elisa kit

Mouse Tsukushin (TSKU) ELISA Kit

CATALOG #
AAA27116

REACTIVITY
Mouse

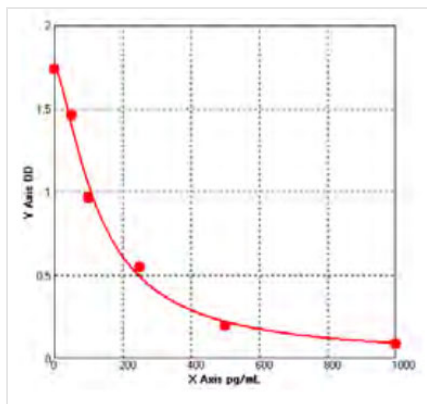
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TSKU. No significant cross-reactivity or interference between TSKU and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TSKU and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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	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. Intended Uses: This TSKU ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse TSKU. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for TSKU elisa kit	Signal Transduction

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/tsukushin-tsku/27116>