

Human Tsukushin ELISA Kit | TSKU elisa kit

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CATALOG #
AAA196324

REACTIVITY
Human

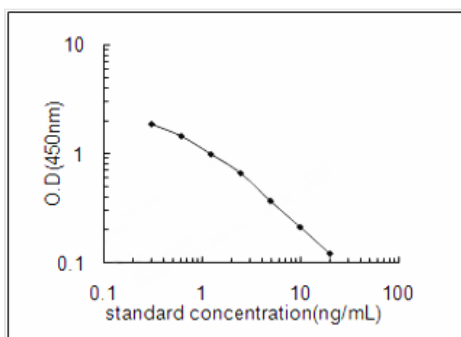
PRODUCT SYNONYMS

Tsukushin; Human Tsukushin ELISA Kit; Tsukushi; E2-induced gene 4 protein; Leucine-rich repeat-containing protein 54; TSKU; E2IG4; LRRC54; TSK; UNQ850/PRO1788; TSKU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural Human Tsukushi. No significant cross-reactivity or interference was observed.
Sequence Length	353
Assay Type	Competitive
Detection Range	0.312-20 ng/ml
Sensitivity	0.162 ng/mL
Intra-Assay CV	<=9.4%
Inter-Assay CV	<=10.1%
Recovery	108%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSKU elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Tsukushi concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids. Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Tsukushi. During the reaction, Tsukushi in the sample or standard competes with a fixed amount of biotin-labeled Tsukushi for sites on a pre-coated Monoclonal antibody specific to Tsukushi. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Tsukushi in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	972775550
NCBI GeneID	25987
NCBI Accession #	NP_001305407.1
NCBI GenBank Nucleotide #	NM_001318478.1
Molecular Weight	37,807 Da
NCBI Official Full Name	tsukushin isoform b
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
UniProt Protein Name	Tsukushin
UniProt Gene Name	TSKU
UniProt Synonym Gene Names	E2IG4; LRRC54; TSK; 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/tsku-human-elisa-kits/tsukushin/196324>