

Human Testican 2 (TIC2) ELISA Kit | TIC2 elisa kit

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CATALOG #
AAA65661

REACTIVITY
Human

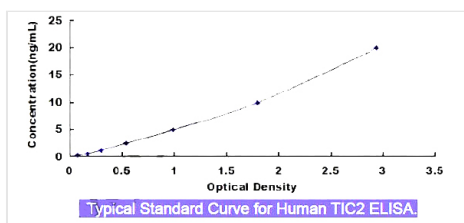
PRODUCT SYNONYMS

Testican 2 (TIC2); Human Testican 2 (TIC2) ELISA Kit; NMDAR2C; NR2C; TIC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TIC2. No significant cross-reactivity or interference between TIC2 and analogues was observed.
Sequence Length	77
Samples	Serum, plasma, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	< 0.132ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TIC2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TIC2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TIC2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of TIC2 in human serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TIC2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TIC2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TIC2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of TIC2 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 #	197313714
NCBI GeneID	9806
NCBI Accession #	NP_001127906.1
NCBI GenBank Nucleotide #	NM_001134434.1
UniProt Accession #	Q92563; Q6UW87; C9J767
Molecular Weight	8,311 Da
NCBI Official Full Name	testican-2 isoform 1
NCBI Official Synonym Full Names	SPARC/osteonectin, cwcv and kazal like domains proteoglycan 2
NCBI Official Symbol	SPOCK2
NCBI Official Synonym Symbols	testican-2
NCBI Protein Information	testican-2
UniProt Protein Name	Testican-2
UniProt Gene Name	SPOCK2
UniProt Synonym Gene Names	KIAA0275; TICN2

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/testican-2-tic2/65661>