

Human Testican-1 (SPOCK1) ELISA Kit | SPOCK1 elisa kit

Human Testican-1 (SPOCK1) ELISA Kit

CATALOG #
AAA330552

REACTIVITY
Human

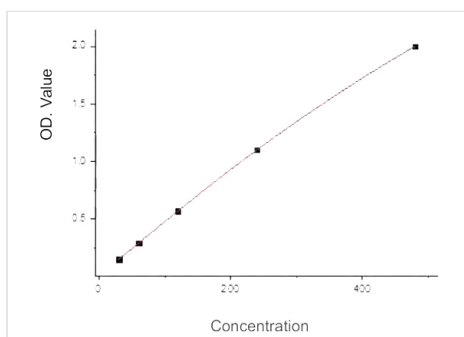
PRODUCT SYNONYMS

Testican-1 (SPOCK1); Human Testican-1 (SPOCK1) ELISA Kit; SPOCK1; FLJ37170; SPOCK; TESTICAN; TIC1; OTTHUMP00000159433; sparc/osteonectin; cwcv and kazal-like domains proteoglycan 1; testican-1; SPOCK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Testican-1 (SPOCK1) ELISA Kit has high sensitivity and excellent specificity for detection of Human SPOCK1. No significant cross-reactivity or interference between Human SPOCK1 and analogues was observed.
Sequence Length	439
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	30 pg/ml - 480 pg/ml
Sensitivity	< 1pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPOCK1 elisa kit	Background: TIC1 encodes the protein core of a seminal plasma proteoglycan containing chondroitinand heparan-sulfate chains. The protein's function is unknown, although similarity to thyropin-type cysteine protease-inhibitors suggests its function may be related to protease inhibition.The SPOCK cDNA encodes a deduced 439-amino acid protein with a predicted N-terminal signal sequence and 2 consensus glycosaminoglycan attachment sites.SPOCK, which contains osteonectin-like domains, a Kazal-like sequence, and a cys-trp-cys-val (CWCV) domain, is related to protein families that are involved in adhesion, migration, and cell proliferation. Principle of the Assay: Human Testican-1 (SPOCK1) ELISA Kit employs a two-site sandwich ELISA to quantitate SPOCK1 in samples. An antibody specific for SPOCK1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPOCK1 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human SPOCK1 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of SPOCK1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759164
NCBI GeneID	6695
NCBI Accession #	NP_004589.1
NCBI GenBank Nucleotide #	NP_004589.1
UniProt Accession #	Q08629
NCBI Official Full Name	testican-1
NCBI Official Synonym Full Names	SPARC (osteonectin), cwcv and kazal like domains proteoglycan 1
NCBI Official Symbol	SPOCK1
NCBI Official Synonym Symbols	TIC1; SPOCK; TESTICAN
NCBI Protein Information	testican-1
UniProt Protein Name	Testican-1
UniProt Gene Name	SPOCK1
UniProt Synonym Gene Names	SPOCK; TIC1; TICN1

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/human-elisa-kits/testican-1-spock1/330552>