

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

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CATALOG #
AAA332247

REACTIVITY
Mouse

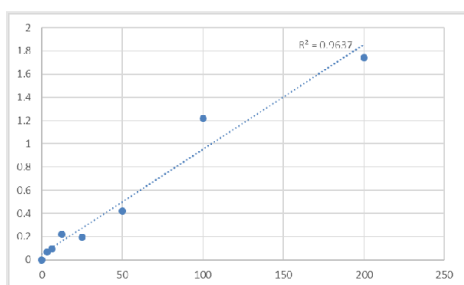
PRODUCT SYNONYMS

Testican-1 (SPOCK1); Mouse 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	Mouse
Specificity	Mouse Testican-1 (SPOCK1) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse SPOCK1. No significant cross-reactivity or interference between Mouse SPOCK1 and analogues was observed.
Sequence Length	441
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Testican-1 (SPOCK1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SPOCK1 elisa kit	Description: This Mouse 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, a biotin-conjugated antibody specific for SPOCK1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate 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. Background: TIC1 encodes the protein core of a seminal plasma proteoglycan containing chondroitin- and 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.In situ hybridization showed that mouse Spock1 is located predominantly in a subpopulation of pyramidal neurons in the CA3 area of the hippocampus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187957276
NCBI GeneID	20745
UniProt Accession #	Q62288
NCBI Official Full Name	Spock1 protein
NCBI Official Synonym Full Names	sparc/osteonectin, cwcv and kazal-like domains proteoglycan 1
NCBI Official Symbol	Spock1
NCBI Official Synonym Symbols	Spock; Tcn1; testican
NCBI Protein Information	testican-1
UniProt Protein Name	Testican-1
UniProt Gene Name	Spock1
UniProt Synonym Gene Names	Spock; Tcn1
UniProt Entry Name	TICN1_MOUSE

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.