

Mouse Testican-3 (SPOCK3) ELISA Kit | SPOCK3 elisa kit

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CATALOG #
AAA332249

REACTIVITY
Mouse

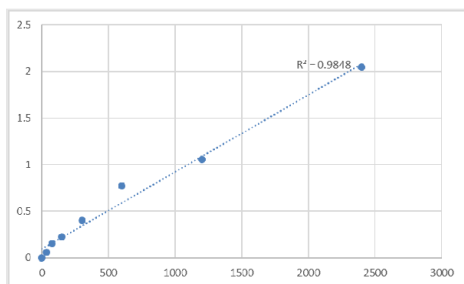
PRODUCT SYNONYMS

Testican-3 (SPOCK3); Mouse Testican-3 (SPOCK3) ELISA Kit; SPOCK3; HSAJ1454; TES-3; testican 3; SPOCK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Testican-3 (SPOCK3) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse SPOCK3. No significant cross-reactivity or interference between Mouse SPOCK3 and analogues was observed.
Sequence Length	436
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-3 (SPOCK3) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SPOCK3 elisa kit	Description: This Mouse Testican-3 (SPOCK3) ELISA Kit employs a two-site sandwich ELISA to quantitate SPOCK3 in samples. An antibody specific for SPOCK3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPOCK3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPOCK3 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 SPOCK3 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The cDNA was a splice variant of SPOCK3, which the authors called testican-3, and included the N-terminal 313-amino acid region of SPOCK3 with a 3-amino acid substitution at the C terminus; the authors designated the splice variant N-TES. N-TES contains a signal peptide, a unique domain, a follistatin-like domain, and a Ca(2+)-binding domain, but lacks a C-terminal thyroglobulin domain and 2 putative glycosaminoglycan attachment sites of SPOCK3. The full-length SPOCK3 protein contains 436 amino acids and shares 51% and 44% homology with SPOCK1 and SPOCK2, respectively. Semiquantitative RT-PCR detected expression of SPOCK3 and N-TES transcripts in normal brain; transcripts of both were downregulated in glioma tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	357933626
NCBI GeneID	72902
NCBI Accession #	NP_001239549.1
NCBI GenBank Nucleotide #	NP_001239549.1
UniProt Accession #	Q8BKV0
NCBI Official Full Name	testican-3 isoform 1
NCBI Official Synonym Full Names	sparc/osteonectin, cwcv and kazal-like domains proteoglycan 3
NCBI Official Symbol	Spock3
NCBI Official Synonym Symbols	AI428471; mKIAA4039; 2900045C01Rik
NCBI Protein Information	testican-3
UniProt Protein Name	Testican-3
UniProt Gene Name	Spock3

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/mouse-elisa-kits/testican-3-spock3/332249>