

Mouse Testican-2 (SPOCK2) ELISA Kit | SPOCK2 elisa kit

Mouse Testican-2 (SPOCK2) ELISA Kit

CATALOG #
AAA332248

REACTIVITY
Mouse

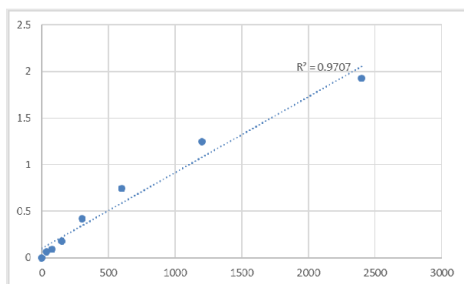
PRODUCT SYNONYMS

Testican-2 (SPOCK2); Mouse Testican-2 (SPOCK2) ELISA Kit; SPOCK2; FLJ97039; testican-2; SPOCK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Testican-2 (SPOCK2) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse SPOCK2. No significant cross-reactivity or interference between Mouse SPOCK2 and analogues was observed.
Sequence Length	423
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-2 (SPOCK2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SPOCK2 elisa kit	Description: This Mouse Testican-2 (SPOCK2) ELISA Kit employs a two-site sandwich ELISA to quantitate SPOCK2 in samples. An antibody specific for SPOCK2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPOCK2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPOCK2 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 SPOCK2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Proteoglycans, which consist of a core protein and covalently linked glycosaminoglycans, are components of the extracellular matrix. SPOCK2 encodes a member of a novel Ca(2+)-binding proteoglycan family. The mature 402-amino acid protein has 5 domains: a follistatin-like domain, a Ca(2+)-binding domain, a thyroglobulin-like domain, and a C-terminal region with 2 putative glycosaminoglycan attachment sites. The SPOCK2 protein shares 43% overall sequence identity with SPOCK1. Northern blot analysis of adult mouse tissues revealed expression of a major 6.1-kb transcript at high levels in brain and at low levels in lung and testis. Minor bands of 4.4 and 2.6 kb were also detected.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	16506279
NCBI GeneID	94214
NCBI Accession #	NP_443720.1
NCBI GenBank Nucleotide #	NP_443720.1
UniProt Accession #	Q9ER58
NCBI Official Full Name	testican-2
NCBI Official Synonym Full Names	sparc/osteonectin, cwcv and kazal-like domains proteoglycan 2
NCBI Official Symbol	Spock2
NCBI Official Synonym Symbols	Gcap26; AA407235; mKIAA0275
NCBI Protein Information	testican-2
UniProt Protein Name	Testican-2
UniProt Gene Name	Spock2
UniProt Synonym Gene Names	Ticn2
UniProt Entry Name	TICN2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/testican-2-spock2/332248>