

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

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CATALOG #
AAA330554

REACTIVITY
Human

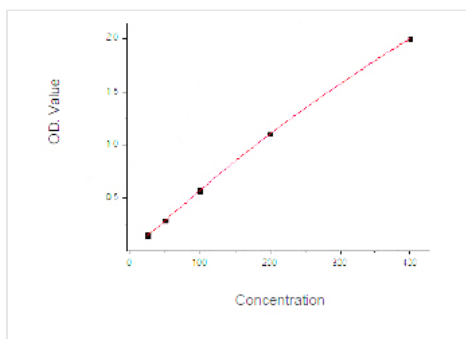
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	433
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPOCK3 elisa kit

Principle of the Assay: Human 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, HRP-Conjugated Human SPOCK3 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 SPOCK3 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background/Introduction: Testican 3, encoded by the SPOCK3 gene, is a proteoglycan expressed in brain (1). Human and mouse Testican 3 share 90% amino acid sequence identity, indicating a conserved function (2, 3). Testican 3 contains Ca²⁺-binding domain and the C-terminal acidic domain with putative glycosaminoglycan attachment sites. In addition, it contains three potential inhibitory domains targeted toward three different classes of proteases, metallo, cysteine and serine proteases. The N-terminal region, which is unique to Testicans, is responsible for the inhibition of Testican 3 towards MMP-14/MT1-MMP activation of MMP-2 (1).

NCBI AND UNIPROT INFORMATION

NCBI GI #

93141003

NCBI GeneID	50859
NCBI Accession #	NP_001035249.1
NCBI GenBank Nucleotide #	NP_001035249.1
UniProt Accession #	Q9BQ16
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	TES-3; TICN3; HSAJ1454
NCBI Protein Information	testican-3
UniProt Protein Name	Testican-3
UniProt Gene Name	SPOCK3
UniProt Synonym Gene Names	TICN3; UNQ409/PRO771
UniProt Entry Name	TICN3_HUMAN

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-3-spock3/330554>