

## ARG82513 Human SPOCK1 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82513-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82513-002	Standard	2 X 10 ng/vial	4°C
ARG82513-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82513-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82513-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82513-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82513-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82513-008	25X Wash buffer	20 ml	4°C
ARG82513-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82513-010	STOP solution	10 ml (Ready to use)	4°C
ARG82513-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82513 Human SPOCK1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human SPOCK1 in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	SPOCK1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	10 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.6% Inter-Assay CV: 6.9%

Alternate Names TIC1; Testican-1; SPOCK; Protein SPOCK; TESTICAN

## Application Instructions

Assay Time ~ 5 hours

## Properties

Form 96 well

Storage instruction Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol SPOCK1

Gene Full Name sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 1

Background This gene encodes the protein core of a seminal plasma proteoglycan containing chondroitin- and heparan-sulfate chains. The protein's function is unknown, although similarity to thyropan-type cysteine protease-inhibitors suggests its function may be related to protease inhibition. [provided by RefSeq, Jul 2008]

Function May play a role in cell-cell and cell-matrix interactions. May contribute to various neuronal mechanisms in the central nervous system. [UniProt]

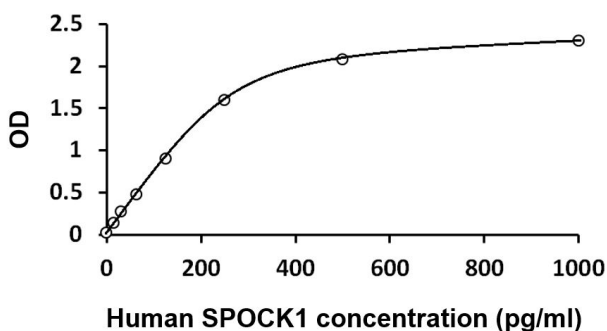
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New ELISA data calculation tool:  
[Simplify the ELISA analysis by GainData](#)

PTM O-glycosylated. Glycosaminoglycan that contains chondroitin sulfate and heparan sulfate. [UniProt]

Cellular Localization Secreted, extracellular space, extracellular matrix. [UniProt]

## Images



ARG82513 Human SPOCK1 ELISA Kit standard curve image

ARG82513 Human SPOCK1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.