

Datasheet for ABIN6719689 **SPARCL1 ELISA Kit**



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Overview

Quantity:	1 kit
Target:	SPARCL1
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	46.9 pg/mL - 3000 pg/mL
Minimum Detection Limit:	46.9 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: Ecm2, Extracellular matrix protein 2, Hevin, High endothelial venule protein, MAST 9, mast9, Matrix glycoprotein Sc1, PIG33, proliferation inducing protein 33, RAGS1 antigen, SC1, SPARC like 1, SPARC-like protein 1, Sparcl1, SPRL1_HUMAN</p> <p>Background: SPARCL1 (SPARC-Like Protein 1), also known as HEVIN, is a protein that in humans is encoded by the SPARCL1 gene. The cells in high endothelial venules (HEVs) in lymphoid tissues have a plump, almost cuboidal, appearance and support high levels of lymphocyte extravasation from blood, possibly due to the presence of desmosome-like junctions rather than tight junctions in the HEVs. In chronic inflammation, the activated</p>

Product Details

endothelium of nonlymphoid tissues acquires an HEV-like morphology and function. SPARCL1 is highly expressed in HEV and is thought to contribute to the induction or maintenance of features of the HEV endothelium that facilitate lymphocyte migration.

Gene Name: SPARCL1

Production: Natural and recombinant human SPARCL1. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: I17-F664

Target Details

Target:	SPARCL1
Alternative Name:	SPARCL1 (SPARCL1 Products)
Gene ID:	8404
NCBI Accession:	NP_001121782
UniProt:	Q14515

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 3000pg/mL, 1500pg/mL, 750pg/mL, 419pg/mL, 188pg/mL, 94pg/mL, 46.9pg/mL human SPARCL1 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates or serum to each empty well. We recommend that each human SPARCL1 standard solution and each sample is measured in duplicate. 2. Seal the plate with the cover and incubate at 37 °C for 90 min.</p> <p>ELISA Dilution: 46.9pg/mL-3000pg/mL</p>
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Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only

Handling

prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.