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## Datasheet for ABIN5692209

### SMOC2 ELISA Kit

#### Overview

Quantity:	96 tests
Target:	SMOC2
Binding Specificity:	AA 22-446
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

#### Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human SMOC2. 96wells/kit, with removable strips.
Brand:	PicoKine™
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: CHO, Immunogen sequence: Q22-G446
Sensitivity:	< 10 pg/mL
Components:	96-well plate precoated with antibody lyophilized recombinant standard

## Product Details

biotinylated antibody (dilution 1:100)  
Avidin-Biotin-Peroxidase Complex(ABC)(dilution 1:100)  
Sample diluent buffer  
Antibody diluent buffer  
ABC diluent buffer  
TMB color developing agent  
TMB stop solution  
Adhesive cover

## Target Details

Target:	SMOC2
Alternative Name:	SMOC2 ( <a href="#">SMOC2 Products</a> )
Background:	<p>Synonyms: SPARC-related modular calcium-binding protein 2, Secreted modular calcium-binding protein 2, SMOC-2, Smooth muscle-associated protein 2, SMAP-2, SMOC2, SMAP2, MSTP117</p> <p>Background: SPARC-related modular calcium-binding protein 2 is a protein that in humans is encoded by the SMOC2 gene. This gene encodes a member of the SPARC family (secreted protein acidic and rich in cysteine/osteonectin/BM-40), which are highly expressed during embryogenesis and wound healing. The gene product is a matricellular protein which promotes matrix assembly and can stimulate endothelial cell proliferation and migration, as well as angiogenic activity. Associated with pulmonary function, this secretory gene product contains a Kazal domain, two thymoglobulin type-1 domains, and two EF-hand calcium-binding domains. The encoded protein may serve as a target for controlling angiogenesis in tumor growth and myocardial ischemia. Alternative splicing results in multiple transcript variants.</p> <p>Cellular Localisation: Secreted, extracellular space, extracellular matrix, basement membrane.</p>
UniProt:	<a href="#">Q9H3U7</a>

## Application Details

Assay Time:	15 min
Plate:	Pre-coated
Restrictions:	For Research Use only

## Handling

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Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)
Expiry Date:	12 months