Human SPARC related modular calcium binding 2 ELISA Kit | SMOC2 elisa kit

Human SPARC-related modular calcium-binding protein 2, SMOC2 ELISA Kit

CATALOG #	REACTIVITY
AAA18238	**Human**

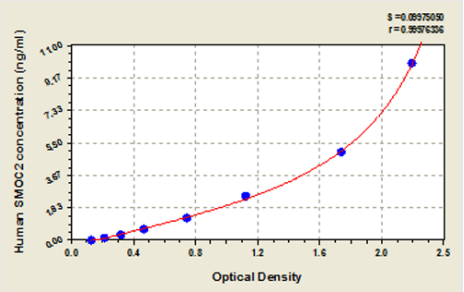
PRODUCT SYNONYMS

SPARC related modular calcium binding 2; Human SPARC-related modular calcium-binding protein 2; SMOC2 ELISA Kit; Human SPARC-related modular calcium-binding protein 2 (SMOC2) ELISA kit; RP11-270C4__A.1; MST117; MSTP117; MSTP140; SMAP2; bA270C4A.1; bA37D8.1; dJ421D16.1; secreted modular calcium-binding protein 2; smooth muscle associated protein 2; thyroglobulin type-1 repeat containi; SMOC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SMOC2. No significant cross-reactivity or interference between human SMOC2 and analogues was observed.
Sequence Length	446
Samples	Serum, plasma, tissue homogenates, cell culture supernates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml -10 ng/ml
Sensitivity	< 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SMOC2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SMOC2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SMOC2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SMOC2 is added to the wells. After washing, avidin 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 SMOC2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	262050673
NCBI GeneID	64094
NCBI Accession #	NP_001159884.1
NCBI GenBank Nucleotide #	NM_001166412.1
UniProt Accession #	Q9H3U7; Q4G169; Q5TAT7; Q5TAT8; Q86VV9; Q96SF3; Q9H1L3; Q9H1L4; Q9H3U0; Q9H4F7; Q9HCV2; B3KPS7
Molecular Weight	49,674 Da
NCBI Official Full Name	SPARC-related modular calcium-binding protein 2 isoform 2
NCBI Official Synonym Full Names	SPARC related modular calcium binding 2
NCBI Official Symbol	SMOC2
NCBI Official Synonym Symbols	DTDP1; SMAP2; MST117; MSTP117; MSTP140; bA37D8.1; bA270C4A.1; dJ421D16.1
NCBI Protein Information	SPARC-related modular calcium-binding protein 2; SMAP-2; SMOC-2; smooth muscle associated protein 2; smooth muscle-associated protein 2; secreted modular calcium-binding protein 2; thyroglobulin type-1 repeat containing protein
UniProt Protein Name	SPARC-related modular calcium-binding protein 2
UniProt Gene Name	**SMOC2**
UniProt Synonym Gene Names	SMAP2; MSTP117; SMOC-2; SMAP-2
UniProt Entry Name	SMOC2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/smoc2-human-elisa-kits/sparc-related-modular-calcium-binding-2/18238