Human SPARC related modular calcium binding 1 ELISA Kit | SMOC1 elisa kit

Human SPARC-related modular calcium-binding protein 1, SMOC1 ELISA Kit

CATALOG #	REACTIVITY
AAA112950	**Human**

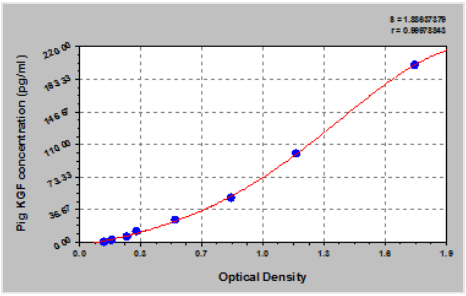
PRODUCT SYNONYMS

SPARC related modular calcium binding 1; Human SPARC-related modular calcium-binding protein 1; SMOC1 ELISA Kit; Human SPARC-related modular calcium-binding protein 1 (SMOC1) ELISA kit; secreted modular calcium-binding protein 1; SMOC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SMOC1. No significant cross-reactivity or interference between human SMOC1 and analogues was observed.
Sequence Length	435
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	78 pg/ml-5000 pg/ml
Sensitivity	<19.5 pg/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 SMOC1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SMOC1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SMOC1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SMOC1 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 SMOC1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	78190498
NCBI GeneID	64093
NCBI Accession #	NP_001030024.1
NCBI GenBank Nucleotide #	NM_001034852.2
UniProt Accession #	Q9H4F8; Q96F78; A8K1S3; B2R7P5
Molecular Weight	48,163 Da
NCBI Official Full Name	SPARC-related modular calcium-binding protein 1 isoform 1
NCBI Official Synonym Full Names	SPARC related modular calcium binding 1
NCBI Official Symbol	SMOC1
NCBI Official Synonym Symbols	OAS
NCBI Protein Information	SPARC-related modular calcium-binding protein 1; secreted modular calcium-binding protein 1
UniProt Protein Name	SPARC-related modular calcium-binding protein 1
UniProt Gene Name	**SMOC1**
UniProt Synonym Gene Names	SMOC-1
UniProt Entry Name	SMOC1_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/smoc1-human-elisa-kits/sparc-related-modular-calcium-binding-1/112950