

Mouse SMOC1 ELISA Kit | SMOC1 elisa kit

Mouse SMOC1 PicoKine ELISA Kit

CATALOG #
AAA125088

REACTIVITY
Mouse

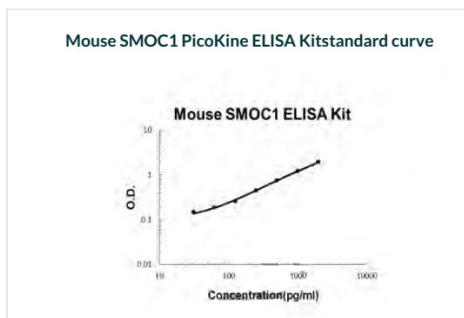
PRODUCT SYNONYMS

SMOC1; Mouse SMOC1 PicoKine ELISA Kit; Mouse SMOC1; SMOC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Smoc1
Sequence Length	435
Samples	Cell culture supernatants, serum and plasma (heparin)
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sensitivity	<10 pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SMOC1 elisa kit	Principle of the Assay: The Picokine™ Mouse Smoc1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Mouse Smoc1 with a 96-well strip plate that is pre-coated with antibody specific for Smoc1. The detection antibody is a biotinylated antibody specific for Smoc1. The capture antibody is A monoclonal antibody from rat and the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Mouse Smoc1 with immunogen: Expression system for standard: NS0; Immunogen sequence: H26-V463. The kit is analytically validated with ready-to-use reagents. To measure Mouse Smoc1, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Mouse Smoc1 in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Smoc1 in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	78190498
NCBI GeneID	64093
NCBI Accession #	NP_001030024.1
NCBI GenBank Nucleotide #	NM_001034852.2
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

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/mouse-elisa-kits/smoc1/125088>