

Mouse Spermine Oxidase (SMOX) RTU ELISA Kit | SMOX rtu elisa kit

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CATALOG #
AAA218485

REACTIVITY
Mouse

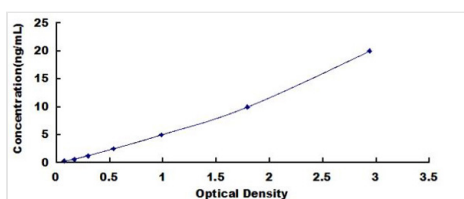
PRODUCT SYNONYMS

Spermine Oxidase (SMOX); Mouse Spermine Oxidase (SMOX) ELISA Kit; SMO; PAO; PAOh1; C20orf16; Polyamine oxidase 1; SMOX rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	585
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.122ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SMOX rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SMOX. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SMOX. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SMOX, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of SMOX in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

295389670

NCBI GeneID	228608
NCBI Accession #	NP_001171304.1
NCBI GenBank Nucleotide #	NM_001177833.1
UniProt Accession #	Q99K82; Q70LA3; Q70LA4; Q70LA5; Q70LA7; Q70LA8; Q70LA9; A2ANQ8; A2ANQ9; A2ANR0; A2ANR1; A2ANR2
Molecular Weight	20,647 Da
NCBI Official Full Name	spermine oxidase isoform a
NCBI Official Synonym Full Names	spermine oxidase
NCBI Official Symbol	Smox
NCBI Official Synonym Symbols	PAO; SMO; PAOh1; B130066H01Rik
NCBI Protein Information	spermine oxidase
UniProt Protein Name	Spermine oxidase
UniProt Gene Name	Smox
UniProt Synonym Gene Names	Smo; PAO-1; PAOh1

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/mouse-rtu-elisa-kits/spermine-oxidase-smox/218485>