

Human Spermine oxidase (SMOX) ELISA Kit | SMOX elisa kit

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CATALOG #
AAA44172

REACTIVITY
Human

PRODUCT SYNONYMS

Spermine oxidase (SMOX); Human Spermine oxidase (SMOX) ELISA Kit; SMOX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	555
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.023ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SMOX elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Spermine Oxidase (also known as SMOX) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human SMOX antibody. SMOX present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human SMOX Antibody is added and binds to SMOX in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SMOX antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human SMOX. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	329664244
NCBI GeneID	527211
NCBI Accession #	NP_001192368.1
NCBI GenBank Nucleotide #	NM_001205439.1
NCBI Official Full Name	spermine oxidase
NCBI Official Synonym Full Names	spermine oxidase
NCBI Official Symbol	SMOX
NCBI Protein Information	spermine oxidase

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/human-elisa-kits/spermine-oxidase-smox/44172>