

Mouse Sulfiredoxin-1 ELISA Kit | Srxn1 elisa kit

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CATALOG #
AAA57230

REACTIVITY
Mouse

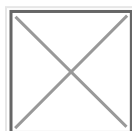
PRODUCT SYNONYMS

Sulfiredoxin-1; Mouse Sulfiredoxin-1 ELISA Kit; Neoplastic progression protein 3; Srxn1; Npn3; Srx; 1.8.98.2; Srxn1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Sulfiredoxin-1. No significant cross-reactivity or interference was observed.
Sequence Length	155
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.078 ng/mL
Intra-Assay CV	<=5.2%
Inter-Assay CV	<=10.2%
Recovery	86%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Srxn1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Sulfiredoxin-1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay||The microtiter plate provided in this kit has been pre-coated with an antibody specific to Sulfiredoxin-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Sulfiredoxin-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Sulfiredoxin-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Sulfiredoxin-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	402747081
NCBI GeneID	76650
NCBI Accession #	NP_083964.2
NCBI GenBank Nucleotide #	NM_029688.5
UniProt Accession #	Q9D975; Q3TWN6; Q91VN5
Molecular Weight	14,149 Da
NCBI Official Full Name	sulfiredoxin-1
NCBI Official Synonym Full Names	sulfiredoxin 1 homolog (S. cerevisiae)
NCBI Official Symbol	Srxn1
NCBI Official Synonym Symbols	Srx; Npn3; Srx1; TX01; AI854065; AW488194; 1700127B04Rik
NCBI Protein Information	sulfiredoxin-1
UniProt Protein Name	Sulfiredoxin-1
UniProt Gene Name	Srxn1
UniProt Synonym Gene Names	Npn3; Srx
UniProt Entry Name	SRXN1_MOUSE

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/srxn1-mouse-elisa-kits/sulfiredoxin-1/57230>