

Mouse Quiescin Q6 Sulfhydryl Oxidase 1 (QSOX1) ELISA Kit | QSOX1 elisa kit

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 CATALOG #
AAA67001

 REACTIVITY
Mouse

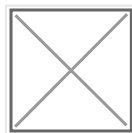
PRODUCT SYNONYMS

Quiescin Q6 Sulfhydryl Oxidase 1 (QSOX1); Mouse Quiescin Q6 Sulfhydryl Oxidase 1 (QSOX1) ELISA Kit; Q6; QSCN6; QSOX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of QSOX1. No significant cross-reactivity or interference between QSOX1 and analogues was observed.
Sequence Length	748
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	34pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level QSOX1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level QSOX1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for QSOX1 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of QSOX1 in mouse serum, plasma, tissue homogenates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to QSOX1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to QSOX1. 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 QSOX1, 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 +/- 10nm. The concentration of QSOX1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68131562
NCBI GeneID	104009
NCBI Accession #	NP_001020116.1
NCBI GenBank Nucleotide #	NM_001024945.1
UniProt Accession #	Q8BND5; Q3TDY9; Q3TE19; Q3TR29; Q3UEL4; Q8K041; Q9DBL6
Molecular Weight	16,624 Da
NCBI Official Full Name	sulfhydryl oxidase 1 isoform a
NCBI Official Synonym Full Names	quiescin Q6 sulfhydryl oxidase 1
NCBI Official Symbol	Qsox1
NCBI Official Synonym Symbols	SOx; QSOX; Qscn6; 1300003H02Rik
NCBI Protein Information	sulfhydryl oxidase 1
UniProt Protein Name	Sulfhydryl oxidase 1
UniProt Gene Name	Qsox1
UniProt Synonym Gene Names	Qscn6; Sox; mSOx

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-elisa-kits/quiescin-q6-sulfhydryl-oxidase-1-qsox1/67001>