

Human Sulfite oxidase ELISA Kit | SUOX elisa kit

Human Sulfite oxidase, mitochondrial (SUOX) ELISA Kit

CATALOG #
AAA55874

REACTIVITY
Human

PRODUCT SYNONYMS

Sulfite oxidase; Human Sulfite oxidase; mitochondrial (SUOX) ELISA Kit; SUOX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human SUOX. No significant cross-reactivity or interference between Human SUOX and analogues was observed.
Sequence Length	488
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for SUOX elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate SUOX in samples. An antibody specific for SUOX has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anySUOX present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SUOX is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SUOX bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74099694
NCBI GeneID	6821
NCBI Accession #	NP_000447.2
NCBI GenBank Nucleotide #	NM_000456.2
UniProt Accession #	P51687

Molecular Weight	60,283 Da
NCBI Official Full Name	sulfite oxidase, mitochondrial
NCBI Official Synonym Full Names	sulfite oxidase
NCBI Official Symbol	SUOX
NCBI Protein Information	sulfite oxidase, mitochondrial
UniProt Protein Name	Sulfite oxidase, mitochondrial
UniProt Gene Name	SUOX

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://www.aaabiotech.com/suox-human-elisa-kits/sulfite-oxidase/55874>