

Human Sulfhydryl Oxidase 1 (QSOX1) ELISA Kit | QSOX1 elisa kit

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CATALOG #
AAA331180

REACTIVITY
Human

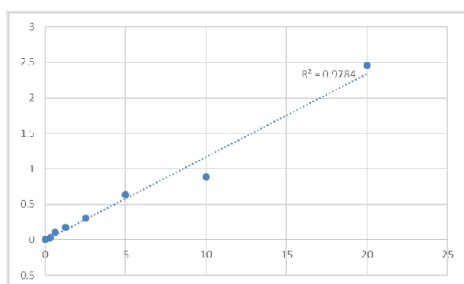
PRODUCT SYNONYMS

Sulfhydryl Oxidase 1 (QSOX1); Human Sulfhydryl Oxidase 1 (QSOX1) ELISA Kit; QSOX1; FLJ34858; Q6; QSCN6; QSOX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Sulfhydryl oxidase 1 (QSOX1) ELISA Kit has high sensitivity and excellent specificity for detection of Human QSOX1. No significant cross-reactivity or interference between Human QSOX1 and analogues was observed.
Sequence Length	747
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Sulfhydryl oxidase 1 (QSOX1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for QSOX1 elisa kit	Description: This Human Sulfhydryl oxidase 1 (QSOX1) ELISA Kit employs a two-site sandwich ELISA to quantitate QSOX1 in samples. An antibody specific for QSOX1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any QSOX1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for QSOX1 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 QSOX1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Sulfhydryl oxidase 1 is a protein that contains domains of thioredoxin and ERV1, members of two long-standing gene families. The gene expression is induced as fibroblasts begin to exit the proliferative cycle and enter quiescence, suggesting that this gene plays an important role in growth regulation. Two transcript variants encoding two different isoforms have been found for this gene. Coppock et al. (1993) isolated human embryo lung fibroblast cDNAs that were expressed at a higher level in quiescent cells than in logarithmically growing cells. Several partial cDNAs corresponded to the QSOX1 gene, which the authors called Q6. Northern blot analysis revealed that Q6 is expressed as 3- and 4-kb mRNAs in embryo lung fibroblasts.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74739466
NCBI GeneID	5768
UniProt Accession #	O00391
NCBI Official Full Name	Sulfhydryl oxidase 1
NCBI Official Synonym Full Names	quiescin sulfhydryl oxidase 1
NCBI Official Symbol	QSOX1
NCBI Official Synonym Symbols	Q6; QSCN6
NCBI Protein Information	sulfhydryl oxidase 1
UniProt Protein Name	Sulfhydryl oxidase 1
UniProt Gene Name	QSOX1
UniProt Synonym Gene Names	QSCN6; hQSOX
UniProt Entry Name	QSOX1_HUMAN

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.