

Canine Sulphydryl oxidase 1 (QSOX1) ELISA Kit | QSOX1 elisa kit

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CATALOG #
AAA246607

REACTIVITY
Canine

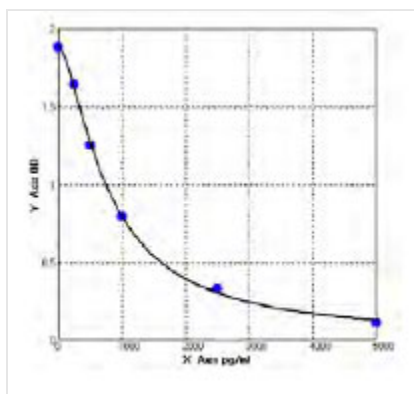
PRODUCT SYNONYMS

Sulphydryl oxidase 1 (QSOX1); Canine Sulphydryl oxidase 1 (QSOX1) ELISA Kit; QSOX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for QSOX1 elisa kit

Intended Uses: This PYGM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PYGM. This ELISA kit for research use only!

Principle of the Assay: PYGM ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-PYGM antibody and an PYGM-HRP conjugate. The assay sample and buffer are incubated together with PYGM-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PYGM concentration since PYGM from samples and PYGM-HRP conjugate compete for the anti-PYGM antibody binding site. Since the number of sites is limited, as more sites are occupied by PYGM from the sample, fewer sites are left to bind PYGM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PYGM concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51873067
NCBI GeneID	5768
NCBI Accession #	NP_001004128.1
NCBI GenBank Nucleotide #	NM_001004128.2
Molecular Weight	66,861 Da
NCBI Official Full Name	sulfhydryl oxidase 1 isoform b
NCBI Official Synonym Full Names	quiescin Q6 sulfhydryl oxidase 1
NCBI Official Symbol	QSOX1
NCBI Official Synonym Symbols	Q6; QSCN6
NCBI Protein Information	sulfhydryl oxidase 1; hQSOX
UniProt Protein Name	Sulfhydryl oxidase 1
UniProt Gene Name	QSOX1
UniProt Synonym Gene Names	QSCN6; UNQ2520/PRO6013; 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.

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Online datasheet: <https://www.aaabiotech.com/canine-elisa-kits/sulfhydryl-oxidase-1-qsox1/246607>