

Mouse Glutaredoxin-1 (GLRX) ELISA Kit | GLRX elisa kit

Mouse Glutaredoxin-1 (GLRX) ELISA Kit

CATALOG #
AAA245452

REACTIVITY
Mouse

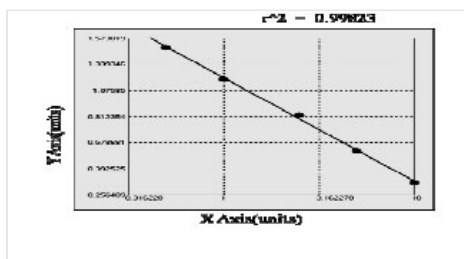
PRODUCT SYNONYMS

Glutaredoxin-1 (GLRX); Mouse Glutaredoxin-1 (GLRX) ELISA Kit; GLRX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLRX elisa kit

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

Principle of the Assay: GLRX ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GLRX antibody and an GLRX-HRP conjugate. The assay sample and buffer are incubated together with GLRX-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 GLRX concentration since GLRX from samples and GLRX-HRP conjugate compete for the anti-GLRX antibody binding site. Since the number of sites is limited, as more sites are occupied by GLRX from the sample, fewer sites are left to bind GLRX-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GLRX concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

169646776

NCBI GeneID	2745
NCBI Accession #	NP_001112362.1
NCBI GenBank Nucleotide #	NM_001118890.1
Molecular Weight	11,776 Da
NCBI Official Full Name	glutaredoxin-1
NCBI Official Synonym Full Names	glutaredoxin (thioltransferase)
NCBI Official Symbol	GLRX
NCBI Official Synonym Symbols	GRX; GRX1
NCBI Protein Information	glutaredoxin-1; TTase-1; thioltransferase-1
UniProt Protein Name	Glutaredoxin-1
UniProt Gene Name	GLRX
UniProt Synonym Gene Names	GRX; TTase-1
UniProt Entry Name	GLRX1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/glutaredoxin-1-glrx/245452>