

Human Glutaredoxin 5 (GLRX5) ELISA Kit | GLRX5 elisa kit

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CATALOG #
AAA42434

REACTIVITY
Human

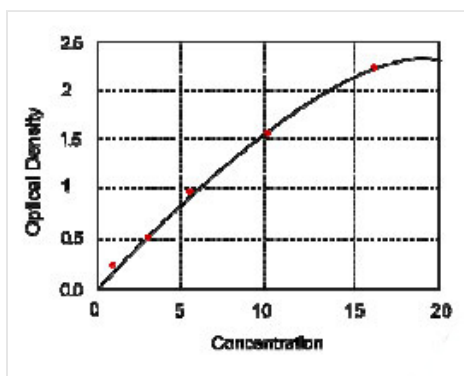
PRODUCT SYNONYMS

Glutaredoxin 5 (GLRX5); Human Glutaredoxin 5 (GLRX5) ELISA Kit; GLRX5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	157
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	15ng/L - 3000ng/L
Sensitivity	7.08ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLRX5 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Glutaredoxin-related Protein 5, Mitochondrial (also known as GLRX5) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human GLRX5 antibody. GLRX5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GLRX5 Antibody is added and binds to GLRX5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GLRX5 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human GLRX5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42516576
NCBI GeneID	51218
NCBI Accession #	NP_057501.2
NCBI GenBank Nucleotide #	NM_016417.2
UniProt Accession #	Q86SX6; Q0X088; Q3YML0; Q86WY3; Q8IZ54
Molecular Weight	16,628 Da
NCBI Official Full Name	glutaredoxin-related protein 5, mitochondrial
NCBI Official Synonym Full Names	glutaredoxin 5
NCBI Official Symbol	GLRX5
NCBI Official Synonym Symbols	GRX5; PRSA; SIDBA3; SPAHGC; FLB4739; PR01238; PRO1238; C14orf87
NCBI Protein Information	glutaredoxin-related protein 5, mitochondrial
UniProt Protein Name	Glutaredoxin-related protein 5, mitochondrial
UniProt Gene Name	GLRX5
UniProt Synonym Gene Names	C14orf87

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.