

Human Glutaredoxin-3 ELISA Kit | GLRX3 elisa kit

Human Glutaredoxin-3 ELISA Kit

CATALOG #
AAA99211

REACTIVITY
Human

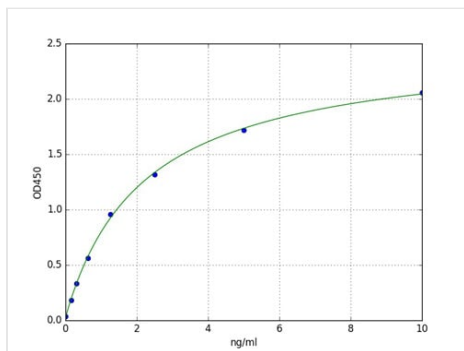
PRODUCT SYNONYMS

Glutaredoxin-3; Human Glutaredoxin-3 ELISA Kit; GLRX3 (Glutaredoxin-3)/Glutaredoxin 3/GLRX4/GRX3/GRX4/PICOT/TXNL2; GLRX3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	335
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve
Results of a typical standard run of a Human GLRX3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.031	0.010	0.072	0.108	0.200	0.412	0.940	2.141

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLRX3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human GLRX3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human GLRX3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human GLRX3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human GLRX3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

315467838

NCBI GeneID	10539
NCBI Accession #	NP_001186797.1
NCBI GenBank Nucleotide #	NM_001199868.1
Molecular Weight	37,432 Da
NCBI Official Full Name	glutaredoxin-3
NCBI Official Synonym Full Names	glutaredoxin 3
NCBI Official Symbol	GLRX3
NCBI Official Synonym Symbols	GRX3; GRX4; GLRX4; PICOT; TXNL2; TXNL3
NCBI Protein Information	glutaredoxin-3
UniProt Protein Name	Glutaredoxin-3
UniProt Gene Name	GLRX3
UniProt Synonym Gene Names	PICOT; TXNL2; PICOT; PKCq-interacting protein
UniProt Entry Name	GLRX3_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://stage.aaabiotech.com/glrx3-human-elisa-kits/glutaredoxin-3/99211>