

Rat Glutathione peroxidase (GPX) ELISA Kit | GPX elisa kit

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CATALOG #
AAA18921

REACTIVITY
Rat

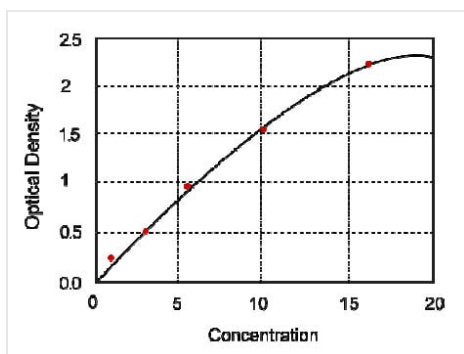
PRODUCT SYNONYMS

Glutathione peroxidase (GPX); Rat Glutathione peroxidase (GPX) ELISA Kit; GPX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	67
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.5-200ng/mL
Sensitivity	0.24ng/mL
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 GPX elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat GPX antibody. GPX present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat GPX Antibody is added and binds to GPX in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GPX 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 Rat GPX. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Glutathione Peroxidase (also known as GPX) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30065711
NCBI GeneID	1260605
NCBI Accession #	NP_839856.1
NCBI GenBank Nucleotide #	NC_004745.1
NCBI Official Full Name	gpX
NCBI Official Symbol	X
NCBI Protein Information	gpX

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/rat-elisa-kits/glutathione-peroxidase-gpx/18921>