

Cat Glutathione Peroxidase (GPX) ELISA Kit | GPX elisa kit

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CATALOG #
AAA123030

REACTIVITY
Cat

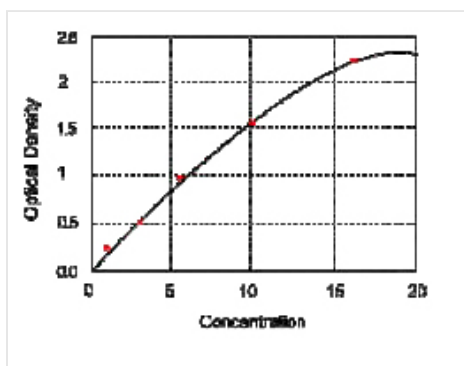
PRODUCT SYNONYMS

Glutathione Peroxidase (GPX); Cat Glutathione Peroxidase (GPX) ELISA Kit; GPX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Cat
Sequence Length	192
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/L-600ng/L
Sensitivity	1.48ng/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 GPX elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Cat Interleukin 8 (also known as IL-8) 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 Cat IL-8 antibody. IL-8 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Cat IL-8 Antibody is added and binds to IL-8 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-8 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 Cat IL-8. 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 #	32471828
NCBI GeneID	1793604
NCBI GenBank Nucleotide #	NP_864822.1
NCBI Official Full Name	glutathione peroxidase
NCBI Official Symbol	RB2244
NCBI Protein Information	glutathione peroxidase

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/cat-elisa-kits/glutathione-peroxidase-gpx/123030>