

Pig GPX4/Phospholipid Hydroperoxide Glutathione Peroxidase, Mitochondrial ELISA Kit | GPX4 elisa kit

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CATALOG #
AAA196917

REACTIVITY
Pig

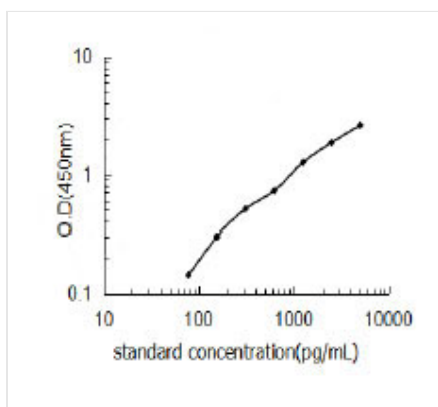
PRODUCT SYNONYMS

GPX4/Phospholipid Hydroperoxide Glutathione Peroxidase; Mitochondrial; Pig GPX4/Phospholipid Hydroperoxide Glutathione Peroxidase; Mitochondrial ELISA Kit; Phospholipid hydroperoxide glutathione peroxidase; mitochondrial; Glutathione peroxidase 4; GPx-4; GPX4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	Recombinant and natural Pig Phospholipid hydroperoxide glutathione peroxidase,PHGPx
Sequence Length	197
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	< 27 pg/mL
Intra-assay Precision	<=6.9%
Inter-assay Precision	<=11.4%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPX4 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47523868
NCBI GeneID	399537
NCBI Accession #	NP_999572.1
NCBI GenBank Nucleotide #	NM_214407.1
UniProt Accession #	P36968
NCBI Official Full Name	phospholipid hydroperoxide glutathione peroxidase
NCBI Official Symbol	GPX4
NCBI Official Synonym Symbols	PHGPx
NCBI Protein Information	phospholipid hydroperoxide glutathione peroxidase
UniProt Protein Name	Phospholipid hydroperoxide glutathione peroxidase, mitochondrial
UniProt Gene Name	GPX4
UniProt Synonym Gene Names	PHGPx; GPx-4; GSHPx-4
UniProt Entry Name	GPX4_PIG

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/pig-elisa-kits/gpx4-phospholipid-hydroperoxide-glutathione-peroxidase-mitochondrial/196917>