

Bovine Glutathione peroxidase 1 ELISA Kit | GPX1 elisa kit

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CATALOG #
AAA57158

REACTIVITY
Bovine

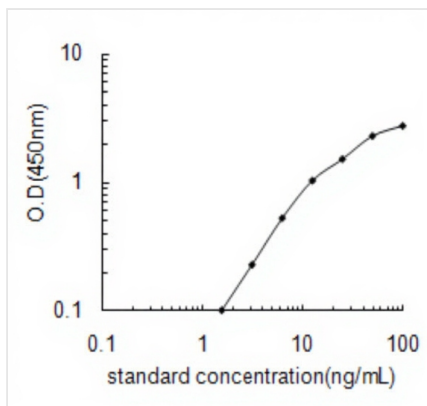
PRODUCT SYNONYMS

Glutathione peroxidase 1; Bovine Glutathione peroxidase 1 ELISA Kit; GPx-1; GSHPx-1; Cellular glutathione peroxidase; GPX1; 1.11.1.9; GPX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	Recombinant and natural Bovine GPx-1
Sequence Length	205
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	1.56 ng/mL - 100 ng/mL
Sensitivity	< 0.62 ng/mL
Intra-assay Precision	<=4.5%
Inter-assay Precision	<=8.2%
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 GPX1 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 #	27806591
NCBI GeneID	281209
NCBI Accession #	NP_776501.1
NCBI GenBank Nucleotide #	NM_174076.3
UniProt Accession #	P00435; A6QPG3
Molecular Weight	22,659 Da
NCBI Official Full Name	glutathione peroxidase 1
NCBI Official Symbol	GPX1
NCBI Protein Information	glutathione peroxidase 1
UniProt Protein Name	Glutathione peroxidase 1
UniProt Gene Name	GPX1
UniProt Synonym Gene Names	GPx-1; GSHPx-1
UniProt Entry Name	GPX1_BOVIN

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/gpx1-bovine-ovine-elisa-kits/glutathione-peroxidase-1/57158>