

Canine Glutathione peroxidase 1 (GPx-1) ELISA Kit | GPx-1 elisa kit

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CATALOG #
AAA122342

REACTIVITY
Canine

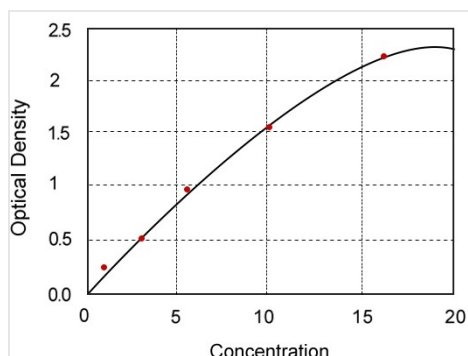
PRODUCT SYNONYMS

Glutathione peroxidase 1 (GPx-1); Canine Glutathione peroxidase 1 (GPx-1) ELISA Kit; GPx-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	205
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/ml - 300ng/ml
Sensitivity	0.56ng/ml
Intra-Assay	CV<8%
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-1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Glutathione Peroxidase 1 (also known as GPX-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine GPX-1 antibody. GPX-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine GPX-1 Antibody is added and binds to GPX-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GPX-1 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 Canine GPX-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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

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/canine-elisa-kits/glutathione-peroxidase-1-gpx-1/122342>