

Chicken Glutathione Peroxidase 8 (GPX-8) ELISA Kit | GPX-8 elisa kit

Chicken Glutathione Peroxidase 8, GPX-8 ELISA Kit

CATALOG #
AAA80781

REACTIVITY
Chicken

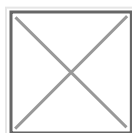
PRODUCT SYNONYMS

Glutathione Peroxidase 8 (GPX-8); Chicken Glutathione Peroxidase 8; GPX-8 ELISA Kit; Chicken Glutathione Peroxidase 8 (GPX-8) ELISA Kit; GPX-8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of chicken GPX-8. No significant cross-reactivity or interference between chicken GPX-8 and analogues was observed.
Sequence Length	167
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	31.25 mU/ml -2000 mU/ml
Sensitivity	< 7.8 mU/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPX-8 elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with GPX-8. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for GPX-8. The competitive inhibition reaction is launched between with pre-coated GPX-8 and GPX-8 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of GPX-8 in the samples. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[18407822](#)

NCBI GeneID	842652
NCBI Accession #	NP_564813.1
NCBI GenBank Nucleotide #	NM_105025.3
UniProt Accession #	Q8LBU2; Q9SH32
Molecular Weight	19,068 Da
NCBI Official Full Name	glutathione peroxidase 8
NCBI Official Symbol	GPX8
NCBI Official Synonym Symbols	ATGPX8; F2K11.16; F2K11_16; glutathione peroxidase 8; GPX8
NCBI Protein Information	glutathione peroxidase 8
UniProt Protein Name	Probable glutathione peroxidase 8
UniProt Gene Name	GPX8
UniProt Synonym Gene Names	At1g63460; F2K11.16
UniProt Entry Name	GPX8_ARATH

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/chicken-elisa-kits/glutathione-peroxidase-8-gpx-8/80781>