

Human GPX8 (Probable Glutathione Peroxidase 8) ELISA Kit | GPX8 elisa kit

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CATALOG #
AAA277753

REACTIVITY
Human

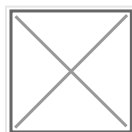
PRODUCT SYNONYMS

GPX8 (Probable Glutathione Peroxidase 8); Human GPX8 (Probable Glutathione Peroxidase 8) ELISA Kit; GPx-8; GSHPx-8; GPX8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GPX8. No significant cross-reactivity or interference between Human GPX8 and analogues was observed.
Assay Type	Sandwich
Detection Range	31.25-2000 pg/mL
Sensitivity	16.1 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPX8 elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human GPX8. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human GPX8. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human GPX8, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Human GPX8 in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	192455698
NCBI GeneID	493869
NCBI Accession #	NP_001008398.2

NCBI GenBank Nucleotide #	NM_001008397.3
UniProt Accession #	Q8TED1
Molecular Weight	23,881 Da
NCBI Official Full Name	probable glutathione peroxidase 8 isoform a
NCBI Official Synonym Full Names	glutathione peroxidase 8 (putative)
NCBI Official Symbol	GPX8
NCBI Official Synonym Symbols	GPx-8; UNQ847; EPLA847; GSHPx-8
NCBI Protein Information	probable glutathione peroxidase 8
UniProt Protein Name	Probable glutathione peroxidase 8
UniProt Gene Name	GPX8
UniProt Synonym Gene Names	GPx-8; GSHPx-8
UniProt Entry Name	GPX8_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/gpx8-probable-glutathione-peroxidase-8/277753>