

Human Glutathione Peroxidase 3, Plasma (GPX3) RTU ELISA Kit | GPX3 rtu elisa kit

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CATALOG #
AAA71000

REACTIVITY
Human

PRODUCT SYNONYMS

Glutathione Peroxidase 3; Plasma (GPX3); Human Glutathione Peroxidase 3; Plasma (GPX3) ELISA Kit; GSHPX3; GPx-P; GSHPx-P; GPXP; Plasma glutathione peroxidase; Extracellular glutathione peroxidase; GPX3 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	235
Assay Type	Sandwich
Samples	Serum, Plasma or Other Biological Fluids.
Detection Range	6.25-400ng/mL
Sensitivity	2.42ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPX3 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GPX3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GPX3. 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 GPX3, 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 $\pm$ 10nm. The concentration of GPX3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1048328959
NCBI GeneID	2878

NCBI Accession #	NP_001316719.1
NCBI GenBank Nucleotide #	NM_001329790.1
UniProt Accession #	P22352 ; O43787 ; Q86W78 ; Q9NZ74 ; Q9UEL1
Molecular Weight	25,552 Da
NCBI Official Full Name	glutathione peroxidase 3 isoform 2
NCBI Official Synonym Full Names	glutathione peroxidase 3
NCBI Official Symbol	GPX3
NCBI Official Synonym Symbols	GPx-P; GSHPx-3; GSHPx-P
NCBI Protein Information	glutathione peroxidase 3
UniProt Protein Name	Glutathione peroxidase 3
UniProt Gene Name	GPX3
UniProt Synonym Gene Names	GPXP; GPx-3; GSHPx-3; GPx-P; GSHPx-P

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/human-rtu-elisa-kits/glutathione-peroxidase-3-plasma-gpx3/71000>