Pig Glutathione peroxidase (GSH-PX) ELISA Kit | GSH-PX elisa kit

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CATALOG #	REACTIVITY
AAA190356	**Pig**

PRODUCT SYNONYMS

Glutathione peroxidase (GSH-PX); Pig Glutathione peroxidase (GSH-PX) ELISA Kit; GSH-PX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig GSH-PX. No significant cross-reactivity or interference between Pig GSH-PX and analogues was observed.
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.2 IU/mL - 2000 IU/mL
Sensitivity	20.4 IU/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%

ADDITIONAL INFORMATION

Related Product Information for GSH-PX elisa kit	Intended Uses: For the quantitative detection of Pig Glutathione Peroxidase (GSH-PX) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate GSH-PX in Pig serum, plasma. An antibody specific for GSH-PX has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GSH-PX present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GSH-PX is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GSH-PX bound in the initial step. The color development is stopped and the intensity of the color is measured.

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/pig-elisa-kits/glutathione-peroxidase-gsh-px/190356