



Mouse glutathione peroxidase(GSH-Px)ELISA Kit

Product Code SSH-E13068M Abbreviation GSH-Px Target Name glutathione peroxidase(GSH-Px) Uniprot No. P11352 Product Type ELISA Kit Immunogen Species Mus musculus (Mouse) Sample Types serum, plasma, tissue homogenates Detection Range 31.25 U/mL-2000 U/mL Sensitivity 7.8 U/mL Assay Time 1-5h Sample Volume 50-100ul Detection Wavelength 450 nm Lead Time 3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx. Research Area Metabolism Gene Names Gpx1 Tag Info quantitative Protein Description Sandwich Description This Mouse GSH-Px ELISA Kit was designed for the quantitative measurement of Mouse GSH-Px protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 31.25 U/mL-2000 U/mL and the sensitivity is 7.8 U/mL. Product 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 (Precision between assays): CV%<10% Three samples of known concentration were tested in twenty assays to assess. Linearity To assess the linearity of the assay, samples were spiked with high concentrations of mouse GSH-PX in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay. 2 Sample Serum(n=4) 1:1 Average % 91 Research Area Museur Area (Precision Precision Pre					
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1:2	Average %	94
	Range %	89-98
1:4	Average %	97
	Range %	91-102
1:8	Average %	95
	Range %	89-99

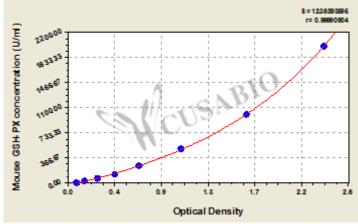
Recovery

The recovery of mouse GSH-PX spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	97	93-102
EDTA plasma (n=4)	88	82-94

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



U/ml OD1 OD2 Average Corrected

2000 2.324 2.401 2.363 2.275 1000 1.602 1.699 1.651 1.563 500 1.056 1.039 1.048 0.960 250 0.657 0.665 0.661 0.573 125 0.431 0.446 0.439 0.351 62.5 0.274 0.285 0.280 0.192 31.25 0.158 0.162 0.160 0.072 0.087 0.088 0.088 ?

Msds

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