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Product Datasheet

Glutathione Peroxidase (GSH-Px) Activity Colorimetric Assay Kit BYT-ORB1173236

Article Name	Glutathione Peroxidase (GSH-Px) Activity Colorimetric Assay Kit
Biozol Catalog Number	BYT-ORB1173236
Supplier Catalog Number	orb1173236
Alternative Catalog Number	BYT-ORB1173236-48, BYT-ORB1173236-96
Manufacturer	Biorbyt
Category	Kits/Assays
Product Description	GSH-Px catalyzes H ₂ O ₂ to oxidize GSH to produce GSSG, glutathione reductase (GR) catalyzes NADPH to reduce GSSG to regenerate GSH, while NADPH oxidizes to produce NADP ⁺ . NADPH has a characteristic absorption peak at 340 nm, while NADP ⁺ does not....
Application Notes	Application Notes: GSH-Px catalyzes H ₂ O ₂ to oxidize GSH to produce GSSG, glutathione reductase (GR) catalyzes NADPH to reduce GSSG to regenerate GSH, while NADPH oxidizes to produce NADP ⁺ , NADPH has a characteristic absorption peak at 340 nm, while NADP ⁺ does not, NADPH dehydrogenation rate is determined by measuring the decrease rate of absorbance at 340 nm to calculate GSH-Px activity