

Glutathione S-Transferase Assay Kit

Cat. No. Kit-0398 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Glutathione S-Transferase Assay Kit is a colorimetric method for assaying the activity of GST.
Description	Glutathione S-transferases (GSTs) are ubiquitous multifunctional enzymes, which play a key role in cellular detoxification. The enzymes protect cells against toxicants by conjugating them to glutathione, thereby neutralizing their electrophilic sites, and rendering the products more water-soluble. The glutathione conjugates are metabolized further to mercapturic acid and then excreted. Based on their sequence homology, substrate specificity and immunological cross-reactivity, GSTs have been grouped into species-independent classes of isozymes. These classes are comprised of both cytosolic and microsomal enzymes.
Usage	For research use only (RUO)
Storage	This kit will perform as specified if stored at -20°C and used before the expiration date indicated on the outside of the box.
Kit Components	GST Assay Buffer (2X) 1 vialGST Sample Buffer (2X) 1 vialGST Assay (control) 1 vialGST Glutathione 1 vialGST CDNB 1 vial96-Well Plate (Colorimetric Assay) 1 plate96-Well Cover Sheet 1 cover

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA