

Product Specification Sheet

Description: Glutathione S-
Transferase 4-4 (Yb2-Yb2)
Product Number:GS24
Aliquot: 5 ug
Lot Number: 101195DM
Storage: -70C

SPECIFIC ACTIVITY:	5.9 units /mg. One unit is the amount of enzyme that catalyzes the conjugation of 1 umole of 1-chloro-2,4-dinitrobenzene (CDNB) to glutathione in one minute at room temperature in 100 mM potassium phosphate buffer, pH 6.5 [JCG 249; 7130-7139 (1974)]
CONCENTRATION:	100 ug/mL
STORAGE BUFFER:	5 ug of enzyme suspended in 50 uL of 20 mM Tris buffer (pH 7.0). Each vial contains sufficient enzyme for 2 assays using CDNB as substrate in a spectrophotometric assay.
STORAGE:	Stable indefinitely at -70C. Liable to repeated freezing and thawing.
SOURCE:	Rat Liver
PURITY:	Homogeneous by SDS gel electrophoresis
APPLICATIONS:	This purified enzyme is useful as a standard for Western blotting or for enzymatic assays.