

GST Yb2 active protein

GST Yb2, Rat Liver

CATALOG # AAA71846	HOST Rat Liver	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

GST Yb2; Rat Liver; Glutathione S-Transferase 4-4 (Yb2-Yb2); GST Yb2 active protein

PRODUCT SPECIFICATIONS

Host	Rat Liver
Purity/Purification	Homogeneous by SDS gel electrophoresis.
Form/Format	5 ug of enzyme suspended in 50 uL of 20mM Tris buffer (pH 7.0). Each vial contains sufficient enzyme for 2 assays using CDNB as substrate in a spectrophotometric assay.
Concentration	100 ug/mL measured by the Bradford method with BSA as standard. (varies by lot)
Applicable Applications for GST Yb2 active protein	Enzyme Activity, WB (Western Blot)
Specific Activity	5.9 units/mg
Definition of unit	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. [J.B.C., 249 : 7130-7139 (1974)]
Preparation and Storage	Stable indefinitely at -70°C. Labile to repeated freezing and thawing.

ADDITIONAL INFORMATION

References	Alin, P., Jensson, H., Guthenberg, C., Danielson, U.H., Tahir, M.K., and Mannervik, B., Anal. Biochem., 146 : 313-320 (1985). Hayes, J.D. and Pulford, D.J., Critical Reviews in Biochemistry and Molecular Biology, 30 : 445-600 (1995). Boyer, T.D., Hepatology, 9 : 468-496 (1989).
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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/rat-liver-active-protein/gst-yb2/71846>