Creative Enzymes®

Native Equine Glutathione S-Transferase

Cat. No. NATE-0325

Lot. No. (See product label)

Introduction

Description	Glutathione S-transferases are a family of proteins that catalyze the conjugation of reduced glutathione with a variety of hydrophobic chemicals containing electrophilic centers.
Synonyms	EC 2.5.1.18; glutathione S-transferase; glutathione S-alkyltransferase; glutathione S-aryltransferase; S-(hydroxyalkyl)glutathione lyase; glutathione S-aralkyltransferase; glutathione S-alkyl transferase; GST; 50812-37-8

Product Information

Species	Equine
Source	Equine liver
Form	Lyophilized powder containing Tris and phosphate buffer salts, reduced glutathione and EDTA
EC Number	EC 2.5.1.18
CAS No.	50812-37-8
Molecular Weight	mol wt 45-50 kDa
Activity	> 25 units/mg protein
Unit Definition	One unit will conjugate 1.0 µmole of 1-chloro-2,4-dinitrobenzene with reduced glutathione per min at pH 6.5 at 25°C.

Storage and Shipping Information

Storage	−20°C