

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 μ mole 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