

## 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  $\mu$ 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