

## glutathione transferase

Cat. No. EXWM-2754

Lot. No. (See product label)

### Introduction

**Description** A group of enzymes of broad specificity. R may be an aliphatic, aromatic or heterocyclic group; X may be a sulfate, nitrile or halide group. Also catalyses the addition of aliphatic epoxides and arene oxides to glutathione, the reduction of polyol nitrate by glutathione to polyol and nitrile, certain isomerization reactions and disulfide interchange.

**Synonyms** glutathione S-transferase; glutathione S-alkyltransferase; glutathione S-aryltransferase; S-(hydroxyalkyl)glutathione lyase; glutathione S-aralkyltransferase; glutathione S-alkyl transferase; GST

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.5.1.18

**CAS No.** 50812-37-8

**Reaction**  $RX + \text{glutathione} = HX + R\text{-S-glutathione}$

**Notes** This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

**Storage** Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.