

## Native Escherichia coli $\beta$ -Glucuronidase

Cat. No. NATE-0330

Lot. No. (See product label)

### Introduction

**Description**  $\beta$ -glucuronidase catalyzes the breakdown of complex carbohydrates. In humans it converts conjugated bilirubin into the unconjugated form, making bilirubin suitable for reabsorption.

**Applications**  $\beta$ -glucuronidase is used as a reporter gene in GUS assays to monitor gene expression.

**Synonyms**  $\beta$ -glucuronide glucuronohydrolase glucuronidase; exo- $\beta$ -D-glucuronidase; ketodase; EC 3.2.1.31; 9001-45-0;  $\beta$ -D-glucuronoside glucuronosohydrolase; GUSB

### Product Information

**Source** Escherichia coli

**Form** lyophilized powder

**EC Number** EC 3.2.1.31

**CAS No.** 9001-45-0

**Composition** Protein, 30-70% biuret

**Unit Definition** One unit will liberate 1.0  $\mu$ g of phenolphthalein from phenolphthalein glucuronide per hr at 37°C at the pH 6.8 (30 min assay).