

## 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).