

Native Helix pomatia β -Glucuronidase

Cat. No. NATE-0331

Lot. No. (See product label)

Introduction

Description

β -glucuronidase catalyzes the breakdown of complex carbohydrates. In humans it converts conjugated bilirubin into the unconjugated form, making bilirubin suitable for reabsorption.

Applications

Clinical Testing Diagnostic Assay Manufacturing

Synonyms

β -glucuronide glucuronohydrolase glucuronidase; exo- β -D-glucuronidase; ketodase; EC 3.2.1.31; 9001-45-0; β -D-glucuronoside glucuronosohydrolase; GUSB

Product Information

Source

Helix pomatia

Form

partially purified powder or Aqueous solution in ~1.0 M ammonium sulfate with 3 mM sodium azide as preservative.

EC Number

EC 3.2.1.31

CAS No.

9001-45-0

Optimum pH

4.5 to 5.0

Inhibitors

D-glucuronic acid, D-galacturonic acid, D-glucaro-1, 4-lactone

Unit Definition

One unit will liberate 1.0 μ g of phenolphthalein from phenolphthalein glucuronide per hr at 37°C at pH 5.0 (30 min assay). Sulfatase Unit Definition: One unit of sulfatase will hydrolyze 1.0 μ mole p-nitrocatechol sulfate per hr at pH 5.0 at 37°C.

Storage and Shipping Information

Storage

Store at -20°C.