

Heparin lyase from *Bacteroides thetaiotaomicron*, Recombinant

Cat. No. NATE-1549

Lot. No. (See product label)

Introduction

Description Heparin lyase is an enzyme from *Bacteroides thetaiotaomicron* that acts on polysaccharides containing glucuronate or iduronate residues and 1,4- α linked 2-sulfoamino-2-deoxy-6-sulfo-D-glucose residues.

Synonyms Heparin eliminase; Heparinase; EC 4.2.2.7

Product Information

Species *Bacteroides thetaiotaomicron*

Source *E. coli*

Form 35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl₂, 0.02% sodium azide and 25% (v/v) glycerol

EC Number EC 4.2.2.7

CAS No. 9025-39-2

Purity >90% as judged by SDS-PAGE

Concentration 1 mg/mL

Optimum pH 6.7-7.3

Optimum temperature 37 °C

Specificity Heparin via β -elimination

Storage and Shipping Information

Storage This enzyme is shipped at room temperature but should be stored at -20 °C.