

Deoxyribonuclease B, Recombinant

Cat. No. NATE-1153

Lot. No. (See product label)

Introduction

Description

Deoxyribonuclease B (DNase B) is one of several extracellular enzymes produced by group A beta-hemolytic streptococci. Since DNase B is produced extensively by group A serotypes and is not produced in significant amounts by other serological groups (C and G), anti-DNase B is a reliable streptococcal antibody test for both skin and throat infections.

Applications

Used in the formulation of anti-DNase B assays which are used in the diagnosis of group A Streptococcal based illnesses.

Synonyms

DNASE1; deoxyribonuclease I; deoxyribonuclease-1; DNase I; 9003-98-9; EC 3.1.21.1; pancreatic DNase; DNase; thymonuclease, dornase; dornava; dornavac; pancreatic deoxyribonuclease; pancreatic dornase; deoxyribonuclease (pancreatic); pancreatic DNase; DNAase; deoxyribonucleic phosphatase; alkaline deoxyribonuclease; alkaline DNase; endodeoxyribonuclease I; DNA depolymerase; Escherichia coli endonuclease I; deoxyribonuclease A; DNA endonuclease; DNA nuclease

Product Information

Source Escherichia coli

Form Frozen liquid

EC Number EC 3.1.21.1

Molecular Weight 21 - 31kD

Purity > 97%

Concentration > 1 mg/ml

Optimum pH 6.9 - 7.1