

## Native Sheep Hyaluronidase

Cat. No. NATE-0348

Lot. No. (See product label)

### Introduction

#### Description

Hyaluronidase degrades hyaluronan and has been found to be inappropriately regulated during cancer progression. These enzymes randomly cleave  $\beta$ -N-acetylhexosamine-[1 $\rightarrow$ 4] glycosidic bonds in hyaluronic acid, chondroitin, and chondroitin sulfates.

#### Synonyms

hyaluronoglucosaminidase; hyaluronidase; hyaluronoglucosidase; chondroitinase; chondroitinase I; hyaluronate 4-glycanohydrolase; EC 3.2.1.35; 37326-33-3

### Product Information

#### Species

Sheep

#### Source

Sheep testes

#### Form

Type I, lyophilized powder; Type II, Lyophilized powder containing lactose.

#### EC Number

EC 3.2.1.35

#### CAS No.

37326-33-3

#### Molecular Weight

mol wt 55 kDa

#### Activity

Type I, > 1,500 units/mg solid; Type II, > 300 units/mg solid.

#### Unit Definition

One unit will cause a change in A600 of 0.330 per minute at pH 5.7 at 37°C in a 2.0 ml reaction mixture (45 minute assay).

### Storage and Shipping Information

#### Storage

-20°C