

## 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