

Bioactive

## Neuraminidase (*C. perfringens*)

Catalog # P5290      Size 4 mg

### Specification

<b>Product Description</b>	Lyophilized. Partially purified.
<b>Biological function</b>	Neuraminidase removes N-acetyl neuraminic acid (sialic acid) from a variety of glycoproteins.
<b>Host</b>	Clostridium Species
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	Native protein purified from <i>Clostridium perfringens</i>
<b>Activity</b>	$\geq 0.5$ units per mg dry weight. One Unit releases one micromole of sialic acid per minute at 37°C, pH 5.0, from bovine submaxillary mucin.
<b>Recommend Usage</b>	Neuraminidase Assay; Study of glycoproteins in protein chemistry and cell biology.
<b>Storage Instruction</b>	Store at 4°C.

### Applications

- Enzyme Activity

### Publication Reference

- [Efficacy of a plant-produced infectious bronchitis virus-like particle vaccine in specific pathogen-free chickens.](#)

Kamogelo M Sepotokele, Martha M O'Kennedy, Michaela C Hayes, Daniel B R Wandrag, Peter Smith, Celia Abolnik.  
Poultry Science 2023 Oct; 102(10):102953.

Application: Enzyme, Chicken, Egg allantoic fluid