

Bioactive

## Elastase (Porcine)

Catalog # P5312

Size 5 mg

### Specification

**Product Description** Lyophilized. Purified.

**Biological function** Elastase is a serine protease similar to trypsin and chymotrypsin that also hydrolyses amides and ester, it is unique among proteases in its ability to hydrolyze native elastin, a substrate not attacked by trypsin, chymotrypsin or pepsin.

**Host** Pig

**Theoretical MW (kDa)** 25.9

**Form** Lyophilized

**Preparation Method** Native protein chromatographically purified from Porcine Pancreas

**Activity**  $\geq 8$  units per mg protein. One Unit cleaves one micromole of N-succinyl-L-alanyl-L-alanyl-L-alanine-p-nitroanilide per minute at 25°C, pH 8.0.

**Recommend Usage** Elastase Assay

**Storage Instruction** Store at 4°C.

### Applications

- Enzyme Activity