Native Pseudomonas Aeruginosa Elastase

Cat. No. Elastase-26P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PAE is isolated from a pathogenic strain of Pseudomonas aeruginosa.
Species	Pseudomonas Aeruginosa
Description	Pseudomonas aeruginosa Elastase (PAE) is a metalloproteinase that hydrolyses insouble elastin.
Form	Chromatographicall purified, lyophilized, water soluble powder.
Molecular Mass	33 kDa
Unit Definition	One unit of PAE will hydrolyze 1 mg insoluble elalstin fluorescein per hour with shaking in a water bath at 37 centigrade.
Storage	Store -20 centigrade. Will remain stable for 6-8 months at -20 centigrade.
Concentration	ca. 55 units per mg of protein.
Storage Buffer	Lyophilized from a suspension of crystalls in 1.5 M Ammonium sulfate, 5 mM sodium acetate, 1.0 mM CaCl2 and 0.025 mM ZnCl2, pH 7.0.

GENE INFORMATION

Official Symbol	Elastase

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Synonyms	EC 3.4.24.26; Elastase; PAE

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