

Low Endotoxin Human Sputum Elastase

Cat. No. CEFX-024

Lot. No. (See product label)

Introduction

Description 1. Purulent human sputum fractionated with NaCl and treated with DNase. 2. Elastase is purified by affinity chromatography and separated from cathepsins proteins by ion exchange chromatography on carboxymethyl agarose. 3. Elastase is further purified by agarose-alanyl-alanyl-alanine affinity chromatography at -15°C. 4. The elastase is free of casein G activity as assayed by Suc-Ala-Ala-Pro-Phe-pNA. Low endotoxin; <0.78 EU/mg. Human sputum leukocyte elastase was further purified by immobilized polymyxin B chromatography to remove endotoxin and then filtered through a 0.2μ filter.

Product Information

Species	Human
Source	Leukocytes in septic human sputum
Form	Powder
EC Number	EC 3.4.21.37
Molecular Weight	29500

Storage and Shipping Information

Storage Store at 5°C. Stable for one year.