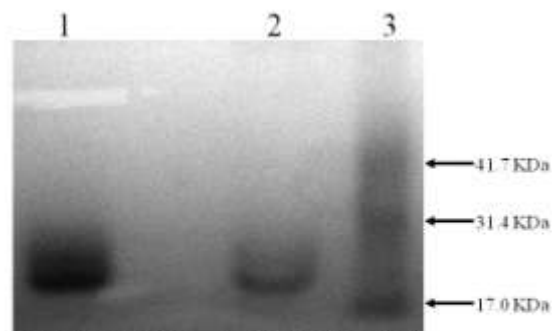


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Certificate of Analysis



10% SDS-PAGE - GelCode Blue Stain

1 HNE-607 (5 ug) Non-reduced

2 HNE-607 (5 ug) Reduced

3 Prestained Standard

Product: Human Neutrophil Elastase – HNE

Date: June 2007

Lot: HNE-607

Molecular Weight: 29,500 by SDS PAGE

Specifications:

Concentration = 1.1 mg/mL
Activity = 72 IU/ml @ 37°C
Specific Activity = 65 IU/mg

The neutrophil form of elastase is 218 amino acids long, with two asparagine-linked carbohydrate chains.

Considerations:

Storage Conditions: Store at 4°C or -70°C – stability > 1yr
Buffer Composition: 50mM Na Acetate; 0.6M NaCl; pH 5.5
Activity: >10 u/ml @ 37°C. One unit will hydrolyze one micromole of Methoxy succinyl-alanine-alanine-proline-valine-p-nitroanilide per minute at 37C and pH 7.5
Purity: > 96% pure by SDS PAGE
No detectable amounts of Cathepsin G or MPO

Duane E. Day

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