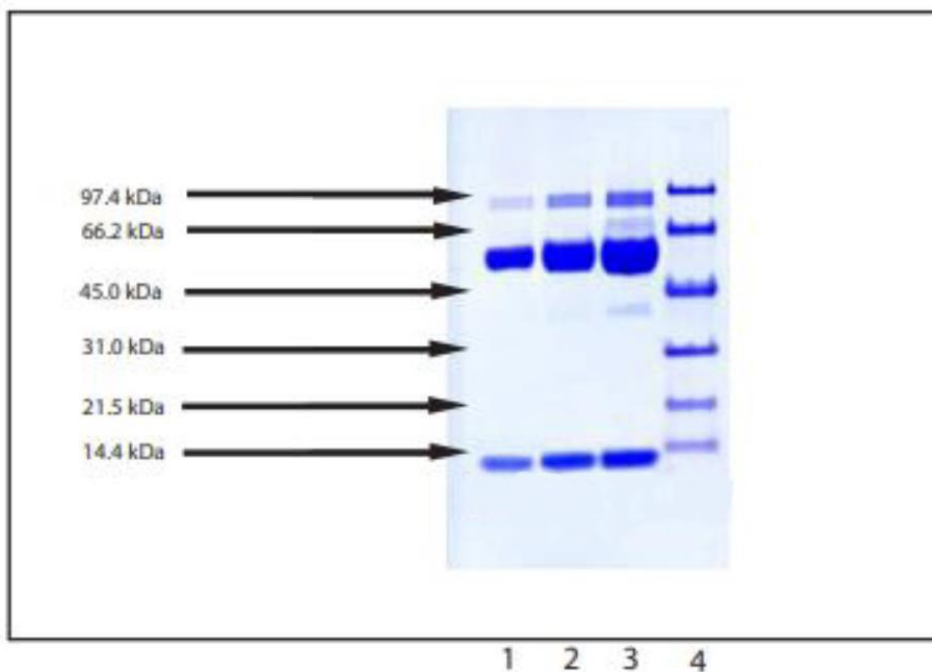


Gel Scan of Representative Lot
Myeloperoxidase, Human Neutrophil
No.np001030



SDS-PAGE:

4-12% Bis-Tris NuPAGE gel

1. 5 µg(Reduced/heat)
2. 10 µg(Reduced/heat)
3. 20 µg(Reduced/heat)
4. LMW Standard

Product Datasheet

Product: Myeloperoxidase, Human Neutrophil

Number: np001030

Form: Lyophilized

Buffer: 50 mM Sodium Acetate, pH 6.0 with 100 mM NaCl

Purity: >=95% by SDS-PAGE

Activity: 180-220 units per mg protein after lyophilization. One unit of activity is defined as the amount of enzyme that will decompose one micromole of hydrogen peroxide per minute at 25°C, pH 6.1. Reaction mixture contains 30 mM sodium phosphate, pH 6.1, 30 mM guaiacol, and 0.0012% (0.35 mM) hydrogen peroxide.

Molecular Weight: MW 130,000-150,000 Da

Storage: <= -20°C

Stability: >1 year

Available Packaging: 100µg, 1mg per vial; Larger aliquots may be available upon request

Source: Human Neutrophils

Testing: Shown to be non-reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.