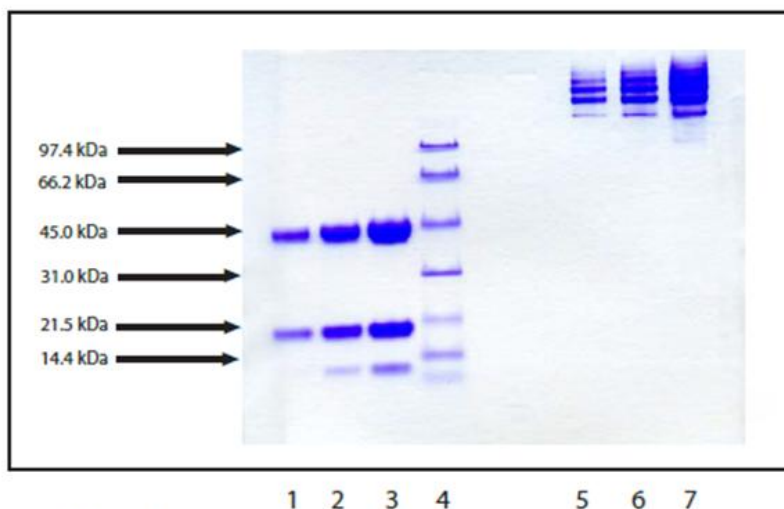


## Haptoglobin, Human Plasma, Mixed Type, Low Endotoxin Level

Project number: np001092



### SDS-PAGE:

4-12% Bis-Tris-HCl NuPAGE gel

1. Haptoglobin - 5  $\mu$ g (reduced / heated)
2. Haptoglobin - 10  $\mu$ g (reduced / heated)
3. Haptoglobin - 20  $\mu$ g (reduced / heated)
4. LMW Standard
5. Haptoglobin - 5  $\mu$ g (non-reduced / no heat)
6. Haptoglobin - 10  $\mu$ g (non-reduced / no heat)
7. Haptoglobin - 20  $\mu$ g (non-reduced / no heat)

### Molecular Weight:

Hp 1-1: 86,000; Hp 2-1: 200,000; Hp 2-2: 400,000

### Protein Determination:

Extinction Coefficient (E)  $\frac{0.1\% \text{ at } 280\text{nm}}{1\text{cm pathway}} = 1.20$

**Endotoxin Level:** <2.0 EU/mg by Fluorogenic assay, Lonza, 50-658U

### Physical Specifications:

Lyophilized

Purity:  $\geq 95\%$  by SDS-PAGE; polymorphic form.

### Considerations:

Storage Conditions:  $\leq -20^\circ\text{C}$

Stability > 1 year

Buffer: Salt-free lyophilized solid

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## Product Datasheet

**Product:** Haptoglobin, Low Endotoxin Level, Human Plasma

**Catalog Number:** np001092

**Description:** Lyophilized

**Buffer:** Salt-free lyophilized solid

**Purity:**  $\geq 95\%$  by SDS-PAGE; polymorphic form

**Molecular Weight:** Hp 1-1: 86,000; Hp 2-1: 200,000; Hp 2-2: 400,000

**Protein Determination:** Extinction Coefficient (E)  $0.1\%$  at 280nm  $=1.20$   
1cm pathway

**Endotoxin Level:**  $<2.0$  EU/mg by fluorogenic assay, Lonza, 50-658U

**Storage:**  $\leq -20^{\circ}\text{C}$

**Stability:**  $> 1$  year

**Available Packaging:** 1 mg per vial  
Larger aliquots upon request

**Source:** Human Plasma

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## Certificate Of Origin

**Product Name:** Haptoglobin, Low Endotoxin Level, Human Plasma

**Catalog Number:** np001092

**Lot Number:** Information applies to all lots produced.

**Manufacturing Information:** The methods and controls used in this facility for manufacturing, processing, packaging and holding of our products are in accordance with ISO9001:2015 Quality Management System.

**Raw Material Information:** The product contains no materials directly of animal origin and has not been in contact with products of animal origin in the course of its purification.

**Country of Origin (manufacturing):** United States

**Biological Source Material (C00):** United States

**Donor Consent:** The raw material used in the purification of this product has been obtained from an FDA licensed collection center. Further the donor or the donor's next of kin has given by signature full informed consent for the material to be used in commercial scientific research, including the sharing, transferring, or selling of samples to third parties involved in this research. The raw material was obtained in an ethical manner in full compliance with national legislation, and the donor identity is held as confidential information by the licensed collection center.