

## HP

### Native Bovine Haptoglobin

<b>Catalog No.</b>	CSI14649A CSI14649B	<b>Quantity:</b>	100 µg 1 mg
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**Description:** Haptoglobin (Hp) appears to be an immunomodulator or acute phase protein found in the serum. Hp levels increases during the acute phase response to inflammation or infection. In human blood plasma, Hp binds free hemoglobin (Hb) with high affinity, thereby inhibiting the oxidative activity. The removal of Hb-Hp complexes results in a decrease in Hp protein levels seen in hemolytic anemia.

Native Bovine Haptoglobin is a serum protein that consists of two alpha and two beta chains connected by disulfide bridges. The alpha and beta chains are characterized by molecular weights of approximately 10 kDa and 40 kDa. Haptoglobin acts as a hemoglobin scavenger and has been associated with protease inhibitory activity.

**Concentration:** >0.5 mg/mL

**Gene ID:** 280692

**Source:** Bovine Serum

**Formulation:** Liquid in 10 mM Sodium Phosphate, pH 7.2, + 150 mM NaCl + 0.05% Sodium Azide. Precaution: Sodium Azide is a poisonous and hazardous substance which should be handled by trained staff only.

**Purity:** >90% by SDS-PAGE

**Certification:** The animal source of this product was collected at a USDA licensed establishment. The animals received ante and post mortem health inspection at the abattoir by a US FSIS inspector and they were apparently free from infectious and contagious diseases. All donor animals were sourced from the United States.

**Storage & Stability:** Store at -20°C. Stable for 1 year. **Avoid repeated freeze-thaws.**

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

