

HP

Native Bovine Haptoglobin

Catalog No.	CSI14649A	Quantity:	1.0 mg
	CSI14649B		5 mg

Alternate Names: Zonulin

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.

Haptoglobin can be used for the early diagnosis of bovine respiratory disease in cattle.

The Native Haptoglobin is purified by proprietary chromatographic techniques.

Concentration: >0.5 mg/mL

Gene ID: 280692

Source: Bovine Serum

Formulation: 10 mM TrisCl pH 7.4 + 150 mM NaCl

Purity: >96%

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

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