Horse Haptoglobin

Catalog No. 8150

Analysis SDS PAGE: ~40 & ~10 kDa bands indicative of β- and α- chains of haptoglobin.

Purity ≥90%

Concentration ≥ 0.5 mg/ml (E1% @ 280nm = 16.0)

Buffer 10 mM Sodium phosphate (pH 7.2), 150 mM NaCl, 0.1% sodium azide

Storage -20 to -70°C. Avoid repeated freeze-thaws

Source Horse serum

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 ~10 kDa and ~40 kDa respectively. It acts as a hemoglobin scavenger and has been associated with protease inhibitory activity. It is a positive acute phase reactant, the levels of which increase significantly in horses in response to inflammation, tissue injury or disease. Haptoglobin is purified using a combination of affinity and gel filtration chromatography steps.