

HBA1, HBB Native Human Hemoglobin

Catalog No.	CNH000A	Quantity:	20 mg
	CNH000B		100 mg

Alternate Names: Hb

Description: Hemoglobin is the iron-containing oxygen-transport metalloprotein in the red blood cells. It carries oxygen away from the lungs and carbon dioxide back to the lungs. A molecule of human hemoglobin (Hb) consists of 2 pairs of peptide (alpha and beta globin) chains and four heme groups, each with one atom of iron.

UniProt ID: P69905, P68871

Concentration: ~20 mg/ml, lot specific

Source: Human erythrocytes

Molecular Weight: 16,000

Formulation: 10 mM Sodium phosphate, pH 7.3 with 70 mM NaCl

Purity: ≥95% by SDS-PAGE

Storage & Stability: Store at ≤ 70°C for at least 1 year. Upon initial thawing, prepare aliquots of the stock solution and refreeze.

Statement: Prepared from plasma shown to be non-reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

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