

HBA1

Native Human Hemoglobin

Catalog No.	CSI19668A CSI19668B	Quantity:	2 g 5 g
Description:	<p>Human Hemoglobin is a major component of red blood cells and is responsible for their red color.</p> <p>Hemoglobin 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 globins) chains and four heme groups, each with one atom of iron. At a normal oxygen tension of 100 mmHg in the blood vessels of the lungs, 95-98% of the human hemoglobin(hb) is combined with oxygen. In the tissues further from the lungs, where the oxygen tension is much lower, the oxygen readily separates from human hemoglobin (hb).</p> <p>The normal range of hemoglobin is approximately 14 to 17 grams per deciliter for men and 12 to 16 grams per deciliter for women. A low hemoglobin count indicates a low red blood cell count (anemia). Anemia can have many causes.</p>		
Gene ID:	3039		
Source:	Human red blood cells		
Formulation:	Lyophilized from a solution containing 50 mM Tris-HCl, pH 7.5.		
Purity:	> 96% pure by SDS Page. Purified by multistep procedures that included ion exchange chromatography.		
Endotoxin Level:	< 0.1 ng/μg of protein		
Storage & Stability:	Solubility: > 20 mg/ml in water. Store at -20°C.		

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

