

Native Hemoglobin A1C (HbA1c)

Cat. No. HBA1-8158H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Hemoglobin A1C (HbA1c) was purified from Human Erythrocytes.
Species	Human
Source	Human Erythrocyte
Description	Glycated hemoglobin (glycosylated hemoglobin, hemoglobin A1c, HbA1c, A1C, or Hb1c; sometimes also HbA1c) is a form of hemoglobin which is measured primarily to identify the average plasma glucose concentration over prolonged periods of time. It is formed in a non-enzymatic glycation pathway by hemoglobin's exposure to plasma glucose.
Form	Liquid in proprietary buffer formulation pH 8.0, and dispensed on the basis of HbA1c, not total hemoglobin
Purity	>96% by HPLC
Stability	1 year
Storage	-20 °C
Concentration	>1.0 mg/mL

GENE INFORMATION

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Gene Name	HBA1 hemoglobin, alpha 1 [Homo sapiens]
Official Symbol	HBA1
Synonyms	HBA1; hemoglobin, alpha 1; hemoglobin subunit alpha; alpha-globin; alpha-1 globin; alpha-1-globin; alpha one globin; hemoglobin alpha chain; hemoglobin alpha-1 chain; hemoglobin alpha 1 globin chain; HBH; CD31; MGC126895; MGC126897;
Gene ID	3039
mRNA Refseq	NM_000558
Protein Refseq	NP_000549
UniProt ID	P69905
Chromosome Location	16p13.3
Pathway	African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Malaria, organism-specific biosystem; Malaria, conserved biosystem; Selenium Pathway, organism-specific biosystem;