

Native Human Hemoglobin A1C

Cat. No. HbA1c-199H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified Native Human Erythrocytes Hemoglobin A1C.
Species	Human
Source	Human Erythrocyte
Description	Human Hemoglobin A1c, is used in enzymatic assays and is native and naturally glycosylated, 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. Normal levels of glucose produce a normal amount of glycosylated hemoglobin. As the average amount of plasma glucose increases, the fraction of glycosylated hemoglobin increases in a predictable way. This serves as a marker for average blood glucose levels over the previous months prior to the measurement.
Form	Liquid in proprietary buffer formulation pH 8.0, and dispensed on the basis of HbA1c, not total hemoglobin
Purity	>96% (HPLC)
Storage	Store at -20 °C.
Concentration	>1.0 mg/mL (OD415nm, E=7)

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