

# Native Human Hemoglobin A1C

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

## SPECIFICATION

<b>Product Overview</b>	Purified Native Human Erythrocytes Hemoglobin A1C.
<b>Species</b>	Human
<b>Source</b>	Human Erythrocyte
<b>Description</b>	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 glycosylation 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.
<b>Form</b>	Liquid in proprietary buffer formulation pH 8.0, and dispensed on the basis of HbA1c, not total hemoglobin
<b>Purity</b>	>96% (HPLC)
<b>Storage</b>	Store at -20 °C.
<b>Concentration</b>	>1.0 mg/mL (OD415nM, E=7)

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