

AR31022PU-N**Human Glycohemoglobin / HBA1c - Purified****Alternate names:**

GHb, Hemoglobin A1c

Quantity:

1 mg

Concentration:

1.83 mg/ml (OD415nm, E0.1% = 7)

Background:

Hemoglobin is involved in oxygen transport from the lung to the various peripheral tissues. The alpha (HBA) and beta (HBB) loci determine the structure of the 2 types of polypeptide chains in adult Hemoglobin. The normal adult Hemoglobin tetramer consists of two alpha chains and two beta chains. Mutant beta globin causes sickle cell anemia. Absence of beta chain causes beta zero thalassemia. Reduced amounts of detectable beta globin causes beta plus thalassemia.

Species:

Human

Source:

Erythrocytes

Format:**State:** Liquid purified protein**Purity:** >96% HbA1c (by HPLC analysis using a Mono S Column)

Product is 0.2um filtered.

Buffer System: PBS, pH 8.0 without preservatives**Description:**

Human Hemoglobin A1c (HbA1c).

Add. Information:

Centrifuge before opening to ensure complete recovery of vial contents.

Storage:

Upon receipt, store undiluted at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Caution:

All human source materials have tested negative for HIV1, HIV2, HCV antibodies and HBsAg.

No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.