

INTENDED USE

RNA Medical® Brand QC HGB Hemoglobin Control is an assayed quality control material used for monitoring the performance of Hemocue B-Hemoglobin and Hb 201⁺ analyzers.

PRODUCT DESCRIPTION

QC HGB is a solution of unfixed stabilized human erythrocytes and preservatives. Since it contains human source materials,¹ follow the recommended "Universal Precautions" when handling this product.

QC HGB is provided in convenient dropper bottles that contain 3.0 mL of solution. It is available in three (3) levels (low, normal, high) for monitoring hemoglobin analyzer performance at varying points within the clinical range. Bottles are packaged in boxes and are available in single-level (6 bottles of the same level) or multi-level (2 bottles of each level) configurations.

STORAGE AND SHELF LIFE

QC HGB has a twenty-four (24) month shelf life when stored refrigerated (2-8 °C). After opening, each bottle of control is stable for sixty (60) days if stored refrigerated or thirty (30) days if stored at room temperature (up to 25 °C). Unopened bottles should be protected from freezing and temperatures greater than 8 °C.

STATISTICAL SUPPORT

RNA has been providing peer statistics since 1986 and was the first to introduce on-line data submission and reporting options in *real-time*. Specific features of the PeerQC program include:

- Optional on-line submission of either summary or raw data via the RNA Medical website.
- *Real-time* availability of monthly and peer comparison reports for internet submitted data.
- Proven error prevention² technology to ensure peer group integrity.
- Customized peer group options and reports.
- Acceptance of late data.
- Reprinting and replacement of lost reports with data current to the date of submission.

CONTROL VALUES AND ANALYTES

Lot specific values are provided with each box of controls. The typical values for QC HGB are as follows:

Analyte	Low	Normal	High
Hemoglobin (g/dL)	5.0	10.8	16.0

PRODUCT SPECIFICATIONS

Packaging: 3.0 mL per bottle, 6 bottles per box.
 Storage: 2-8 °C (once opened, 30 days at room temperature or 60 days refrigerated).
 Shelf Life: 24 months from date of manufacture.
 Matrix: Unfixed stabilized human erythrocytes.
 Analytes: Total hemoglobin.

ORDERING INFORMATION

Please specify these catalog numbers when ordering RNA Medical QC HGB Hemoglobin Control.

Catalog number: QC HGB-1 (Low)
 QC HGB-2 (Normal)
 QC HGB-3 (High)
 QC HGB (Multi-Level)



ADDITIONAL PRODUCTS

RNA Medical offers critical care, point of care, and diabetes care control products, as well as Mylar®-wrapped capillary tubes for safe blood collection. For further information about QC HGB or any other RNA Medical product, please contact us at the number listed below or visit our website at www.RNAMedical.com.

1. The human source materials in this product have tested non-reactive for hepatitis B surface antigen (HBsAg), hepatitis B core antibody (anti-HBc), hepatitis C virus (HCV), anti-HIV-1, anti-HIV-2, and human T-cell lymphotropic virus type 1 (HTLV-1). Since no known test method can offer complete assurance that specimens of human origin will not transmit infectious disease, this control should be handled as a potentially biohazardous material.
2. Patent Pending.