

Lab Quality At Your Fingertips®

Accurate Hemoglobin Results.



Excellent Precision and Accuracy.

Appreciated by users all over the world for simplicity, speed, and small sample volume, the HemoCue is the point-of-care. The system uses a specially designed analyzer with proprietary microcuvettes. As a handheld device, the packaging allows the flexibility and mobility for use of the system almost anytime, anywhere.

Laboratory Precision and Accuracy

The accuracy of the HemoCue Hb 201⁺ system is $\pm 1.5\%$ when compared to the international reference method for hemoglobin (the ICSH method). Many studies also show excellent correlation with different laboratory systems. There is no need to recalibrate the instrument when new batches of microcuvettes are put into use. Additionally, by measuring at two wavelengths, the system automatically compensates for turbidity.

Lab-Accurate Performance

The HemoCue Hb 201⁺ systems achieve precision and accuracy comparable to a central laboratory. We ensure that all products leaving our production facility meet or exceed rigorous specifications for: within lot variation, lot-to-lot variation, calibration, instrument-to-instrument variation, and total system variation.

Our analyzers require no recalibration. Throughout the lifetime of the analyzers, and from one microcuvette lot to the next, HemoCue's testing systems remain as accurate as the day they left the factory.



Hemoglobin testing systems are the long-standing original choice for lab quality hemoglobin testing at point-of-care. The HemoCue Hb 201+ system offers various features and benefits. The optimal cuvette



Fill the microcuvette by placing the tip of the microcuvette in the drop of blood...



...place the filled microcuvette in the microcuvette holder and push the holder into the measuring position...



...the result will be displayed within 15–60 seconds.

Microcuvettes

Microcuvettes are packaged either in 4 vials of 50 or 4 boxes of 25 individually packaged microcuvettes.

User Friendly and Low Maintenance

The system is easy to learn and easy to use. After a brief instruction, non-laboratory personnel can perform the test accurately. The optics of the analyzer are automatically checked every time the instrument

is switched on. The “selftest” eliminates the need for a control cuvette.



The unique, disposable microcuvette is the heart of the HemoCue system. The correct volume of blood is drawn into the cuvette by capillary action, which initiates the reaction.

*Reimbursement

CPT Code 85018QW - \$3.35 (2012 National Limitation Amount)

* The reimbursement rate shown is the published National Limitation Amount (NLA) set by Medicare and is for informational purposes only. Your reimbursement amount may differ; therefore, it is solely your responsibility to determine the correct amount you may receive under your reimbursement program. Check the CMS website for additional reimbursement information: <http://www.cms.hhs.gov>

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payor being billed.

HemoCue Hb 201⁺ System Specifications

System

The HemoCue Hb 201⁺ system consists of two parts: a disposable microcuvette containing dry reagent and a factory-calibrated analyzer. The HemoCue Hb 201⁺ Analyzer should only be used with HemoCue Hb 201 Microcuvettes.

Method

The HemoCue Hb 201⁺ system uses a modification of Vanzetti's reagents, utilizing an azidemethemoglobin reaction yielding results within one minute. This method correlates well with the international reference method for hemoglobin determination (ICSH).

Analyzer

Measurements are made at two wavelengths, 570 nm for hemoglobin measurement and 880 nm for turbidity compensation.

Specimen requirement

10 µL of capillary, venous, or arterial blood are needed for the assay.

Results

Results are displayed in g/dL within 15–60 seconds depending on the hemoglobin concentration.

Measuring range

The measuring range is 0-25.6 g/dL.

Quality control

The HemoCue Hb 201⁺ Analyzer has an internal quality control, a "selftest." Every time the analyzer is turned on, it will automatically verify the performance of the optronic unit. This test is repeated every two hours if the analyzer remains in use. If liquid quality control testing is required for regulatory reasons, contact HemoCue, Inc. for information.

