

HemoCue® Glucose 201 RT

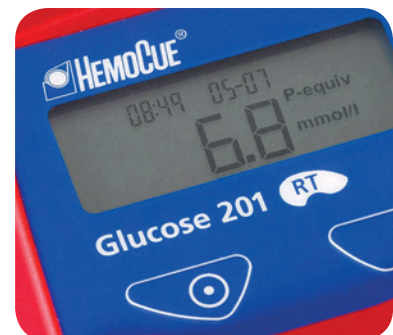


The HemoCue Glucose 201 RT system provides lab-quality test results at the point of care for diagnosing, screening and monitoring of diabetes mellitus. The analyzer is easy to use and presents the result after three simple steps. HemoCue's unique microcuvette technology enables the system to provide precise and accurate glucose values with negligible lot-to-lot variations. The system can be operated by non-laboratory personnel, and is optimized for use in hospital and primary care settings.

Listed are some of the benefits for the POC coordinator, hospital, user and patient.

- Accurate and precise glucose results at the point of care for best patient treatment.
- A versatile system for all types of professional glucose testing needs, simplifies handling in multiple types of settings.
- No calibration or adjustment of analyzer needed; this simplifies handling and reduces concerns for the user when using multiple analyzers.
- Microcuvettes produced with negligible variations and thereby provide confidence for the user over long-term use.
- Easy to use with little training or supervision required, reducing cost of introduction to users and ensuring test result quality.
- Use of the microcuvette reduces the risk of spreading infectious diseases between patients and users by not requiring the analyzer to make contact with multiple patients.

Three simple steps



Fill the cuvette with a drop of blood, place it in the analyzer and receive a lab-quality result.

HemoCue® Glucose 201 RT specifications

Method: HemoCue Glucose 201 RT is a modified glucose dehydrogenase method, where the total amount of glucose is measured photometrically.

Calibration: The calibration of the HemoCue Glucose 201 RT system is traceable to the ID GC-MS method. The HemoCue Glucose 201 RT system is factory calibrated and needs no further calibration.

Analyzer: Measures absorbance at two wavelengths.

Dimensions: 85 × 160 × 43 mm (3.35 × 6.3 × 1.69 inches)

Weight: 350 g (0.77 lbs) with batteries installed

Power: 4 batteries type AA or power adapter recommended by HemoCue

Measurement range: Whole blood system: 0–27.8 mmol/L (0–500 mg/dL)

Plasma equivalent system: 0–31 mmol/L (0–560 mg/dL)

Measuring time: Within 1 minute for glucose levels ≤ 7 mmol/L (≤ 126 mg/dL)

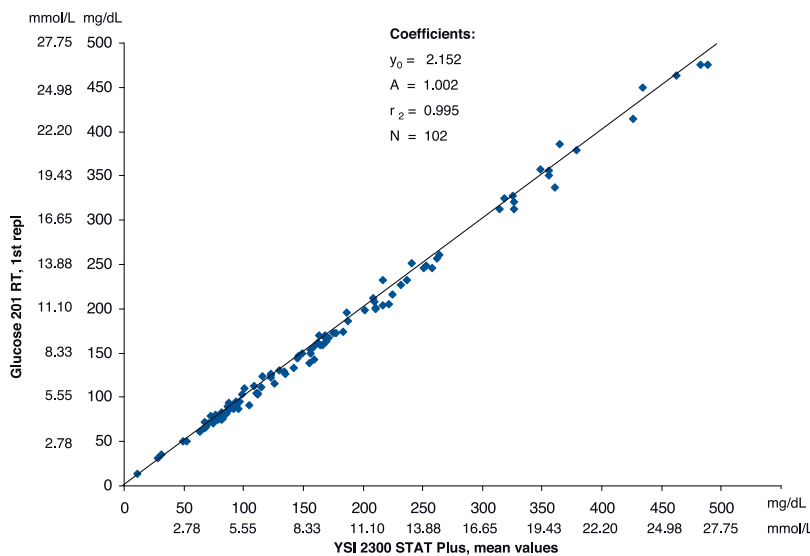
Sample material: Capillary, venous or arterial whole blood

Sample volume: 4 µL

Operating temperature: 15–30 °C (59–86 °F)

Storage: Microcuvettes 15–30 °C (59–86 °F). Analyzer: 0–50 °C (32–122 °F)

“External User Performance evaluation performed at POC sites.
Correlation study between Glucose 201RT and YSI 2300 STAT Plus using capillary patient samples.”



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