

HemoCue® Glucose 201+ System

The HemoCue Glucose 201+ is a system for the determination of the total amount of glucose in whole blood. The system consists of an analyzer with specially designed microcuvettes containing dried reagents. The calibration of the system is traceable to the ID GC-MS method. The HemoCue Glucose 201+ System is factory calibrated and needs no further calibration. The analyzer stores test results, QC tests, date and time for up to 600 results. The data can be printed directly via an external printer or downloaded to a PC. This portable, direct reading analyzer is to be used with HemoCue Glucose 201 Microcuvettes.



Data HemoCue Glucose 201+ Analyzer

Method	Glucose dehydrogenase. Measuring at dual wavelengths for compensation of turbidity
Measurement range	0-22.2 mmol/L (0-400 mg/dL) Plasma equivalent; 0-24.6 mmol/L (0-444 mg/dL)
Measurement time	40-240 seconds
Units	mmol/L or mg/dL
Size	85x160x43 mm (3.35x6.3x1.69 inches)
Weight	350 g (0.77 lbs), batteries included
Memory	Stores up to 600 results
Power	Four AA batteries or AC/DC adapter recommended by HemoCue
Quality control	Automatic internal quality control-selftest
Temperatures	Storage temperature 0-50 °C (32-122 °F) Operating temperature 15-30 °C (59-86 °F)

Data HemoCue Glucose 201 Microcuvettes

Sample material	Capillary, venous or arterial whole blood
Sample volume	5 µL
Temperatures	Storage temperature 2-8 °C (35-46 °F) or ≤ -18 °C (≤ -1°F) Operating temperature 15-30 °C (59-86 °F)

Quality control	Liquid controls recommended by HemoCue
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Shipping and storage of HemoCue[®] Glucose 201 Microcuvettes

Shipping and storage

The HemoCue Glucose 201 Microcuvettes are to be stored at 2-8°C (35-46°F) or in a freezer $\leq -18^{\circ}\text{C}$ ($\leq -1^{\circ}\text{F}$). HemoCue Glucose 201 Microcuvettes shipped to HemoCue distributors are transported either as "Keep cold" or "Keep frozen". All packages include cold packs.

"Keep frozen" means that the shipment is kept in a freezer at airports and kept in normal cargo during flight time.

"Keep cold" means that the shipment is kept in a refrigerator at airports and kept in normal cargo during flight time.

We recommend the microcuvettes to be kept frozen during HemoCue distributor storage, $\leq -18^{\circ}\text{C}$ ($\leq -1^{\circ}\text{F}$). All packages sent to end-users are to be kept cold, below 8°C (46°F) during transport. Cold packs should be included.

End user storage

Store HemoCue Glucose 201 Microcuvettes in their container at 2-8°C (35-46°F). Use the microcuvettes prior to expiry date. The microcuvettes can be stored in a freezer $\leq -18^{\circ}\text{C}$ ($\leq -1^{\circ}\text{F}$). Note that the microcuvettes must be allowed to reach room temperature (app. 30 minutes) before use.

Recommended procedures for handling of the HemoCue Glucose 201 Microcuvettes in vials and individually packed

Microcuvettes in vial

The microcuvettes are stable in an unopened vial until the expiry date printed on the vial. Once the vial is open the microcuvettes are stable for 30 days when stored in a refrigerator 2-8 °C (35-46 °F), or three days at room temperature 15-30 °C (59-86 °F). Only remove the microcuvettes required for immediate use. Always ensure that the lid is completely and securely closed.

Individually packed Microcuvettes

The microcuvettes are stable until the expiry date printed on each package.