

Atellica DCA Analyzer


# Diabetes testing, evolved.

[siemens-healthineers.com/atellica-dca-analyzer](https://siemens-healthineers.com/atellica-dca-analyzer)



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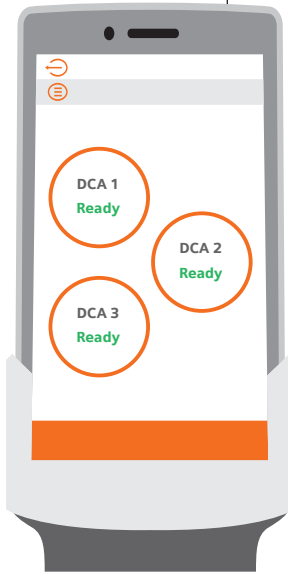
Building upon one of the industry's most trusted technologies for diabetes testing, the Atellica® DCA Analyzer is compact, portable, and fully customizable. It's time to evolve your diabetes management practice to better serve your clinical staff and patients.



**POCcelerator® Data Management System**

Atellica DCA Analyzer integrates into your POC Ecosystem™ Solution to increase productivity with automated remote monitoring, operator e-training, and data collection.

Built-in 1D/2D bar-code reader



BLUETOOTH printer

**Enhance your efficiency by connecting and operating up to three modules with a single detachable display**



Atellica DCA module

**Freedom**

Portable and scalable to meet demands of different clinical settings.



Atellica DCA module

**Confidence**

More built-in failsafe measures to complement 30 years of trusted performance.



Atellica DCA module

**Better patient outcomes**

Faster and more efficient, enabling you to optimize patient workflows in your busy practice.

Overview	
<b>System Description</b>	Point-of-care immunoassay analyzer
<b>Quantitative Tests</b>	<b>Hemoglobin A<sub>1c</sub> (whole blood)</b> 4.0–14% (20–130 mmol/mol)  <b>ACR (urine)</b> Albumin: 5–300 mg/L Creatinine: 15–500 mg/dL (1.3–44.2 mmol/L) Albumin-to-creatinine ratio (ACR): 1–2000 mg/g (0.1–230.8 mg/mmol)
<b>Test Format</b>	Self-contained immunoassay cartridges
<b>Test Measurement</b>	Automatic optical transmission
<b>Test Results Units</b>	<b>Measured Parameters</b> HbA <sub>1c</sub> : %HbA <sub>1c</sub> (NGSP/DCCT) and mmol/mol (IFCC) Albumin: mg/dL Creatinine: mg/dL or mmol/L  <b>Calculated Parameters</b> ACR: mg/g or mg/mmol
<b>Test Method</b>	HbA <sub>1c</sub> : monoclonal antibody agglutination reaction Albumin: monoclonal antibody agglutination reaction Creatinine: Benedict Behre chemical reaction
<b>Time to Results</b>	HbA <sub>1c</sub> : 5 minutes ACR: 7 minutes
<b>Sample Volume</b>	HbA <sub>1c</sub> : 1 µL whole blood; capillary or venous (K2 EDTA, Li heparin, Na citrate) ACR: 40 µL urine
<b>Sample Prep</b>	No pretreatment or pipetting required
<b>Sample ID, Operator ID Entry</b>	Optional, via touchscreen or built-in bar-code scanner
<b>HbA<sub>1c</sub> Blood Sample Hold Time</b>	4 minutes
QC/Calibration	
<b>QC Testing and Scheduling</b>	QC can be run as a separate sample type. Flexible QC scheduling with options of none, reminders, or required QC.  Optional lockout if QC schedule is not followed or QC fails.
<b>Calibration</b>	None required. Calibration data is embedded on a bar code on each cartridge.
<b>User/Operator Access</b>	Restricted, if desired, to prevent unauthorized use. Operator access levels can be defined locally or via a middleware solution.
Display	
<b>Data Entry</b>	Data can be entered via the removable handheld color touchscreen, integrated 1D/2D bar-code scanner, or optional external handheld bar-code scanner
<b>Supported Bar-code Formats</b>	1D: Code 39, Code 93, Code 128, CODABAR, ITF 2D: Aztec, DataMatrix, PDF417
<b>Patient Trend Graph</b>	Visualize patient HbA <sub>1c</sub> results over time

Onboard Computer	
<b>Storage Capacity/Memory</b>	10,000 patient results 5000 QC results 10,000 operators
<b>Data Export</b>	USB Type C port for patient data export
Connectivity	
<b>Connectivity Options</b>	Integrated 2.4 GHz WI-FI connectivity with optional TLS encryption Wired ethernet connection with POC solution adaptor
<b>WPA/WPA 2</b>	WiFi security
<b>Interface</b>	POCT-1A
Peripheral Accessories	
<b>External Printer</b>	Connects to network printers or optional external wireless BLUETOOTH printer
General	
<b>Dimensions</b>	Analyzer (module + docked display): 28.67 cm H x 15.11 cm W x 26.06 cm D Module: 15.88 cm H x 15.24 cm W x 22.1 cm D
<b>Scalability</b>	Up to three Atellica DCA modules can be connected via BLUETOOTH to one display
<b>Weight</b>	Analyzer (module + display): 2.16 kg (4.76 lb) Module: 1.90 kg (4.20 lb)
<b>Power Requirements</b>	100–240 VAC; 50/60 Hz
<b>Line Leakage Current</b>	<3.5 mA in normal condition
<b>Max Power Input</b>	Cold state: 31 watts, 56 VA Ready state: 28 watts, 52 VA Analysis state: 33 watts, 58 VA
<b>Operating Temperature</b>	HbA <sub>1c</sub> : 15–32°C ACR: 18–30°C
<b>Operating Humidity</b>	Analyzer: 10–90% noncondensing BLUETOOTH printer: 30–75% noncondensing
<b>Altitude</b>	0–3500 m (11,500 ft)
<b>Safety</b>	IEC/EN/UL/CSA 61010-1 IEC/EN/UL/CSA 61010-2-101
<b>EMC Emissions/Immunity</b>	IEC/EN 61326-1: Electrical equipment for measurement, control, and laboratory use—EMC requirements—Part 1: General requirements (including Class B conducted and radiated emissions for non-life-supporting equipment) IEC/EN 61326-2-6: Electrical equipment for measurement, control and laboratory use—EMC requirements—Part 2–6: Particular requirements - in vitro diagnostic (IVD) medical equipment Immunity compliance per IEC 60601-1-2 levels. Radio Equipment DIRECTIVE 2014/53/EU (RED)
<b>Cartridge Room-temperature Stability</b>	HbA <sub>1c</sub> : 60 days ACR: 90 days
<b>Available languages</b>	Danish, Dutch, English, French, Finnish, German, Greek, Japanese, Italian, Norwegian, Portuguese, Spanish, and Swedish.

At Siemens Healthineers, we pioneer breakthroughs in healthcare. For everyone. Everywhere. By constantly bringing breakthrough innovations to market, we enable healthcare professionals to deliver high-quality care, leading to the best possible outcome for patients.

Our portfolio, spanning from in-vitro and in-vivo diagnostics to image-guided therapy and innovative cancer care, is crucial for clinical decision-making and treatment pathways. With our strengths in patient twinning, precision therapy, as well as digital, data, and artificial intelligence (AI), we are well positioned to take on the biggest challenges in healthcare. We will continue to build on these strengths to help fight the world's most threatening diseases, improving the quality of outcomes, and enabling access to care.

We are a team of 66,000 highly dedicated employees across more than 70 countries passionately pushing the boundaries of what's possible in healthcare to help improve people's lives around the world.

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Not available for sale in the U.S.A. Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

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**Siemens Healthineers Headquarters**

Siemens Healthcare GmbH  
Henkestr. 127  
91052 Erlangen, Germany  
Phone: +49 9131 84-0  
siemens-healthineers.com

**Legal Manufacturer**

Siemens Healthcare Diagnostics Inc.  
Laboratory Diagnostics  
511 Benedict Avenue  
Tarrytown, NY 10591-5005  
USA  
Phone: +1 914-631-8000

**Local Contact Information**

Siemens Healthcare Diagnostics Inc.  
Point of Care Diagnostics  
2 Edgewater Drive  
Norwood, MA 02062-4637  
USA  
Phone: +1 781-269-3000