As easy as A-1-c
Introducing the D-100™

One touch operation

One amazing experience
System
A1c Simplified

Start a run with a single touch.
Walk away while the D-100™
system transforms your patient
samples into simple A1c results.
The D-100™ system includes an onboard Advisor that provides a consistent, thorough review of every result. Normal results may be released automatically, while flagged results are held for further review. The Advisor helps to ensure nothing is missed while dramatically reducing hands-on time.

Automatically re-test a flagged sample

Samples to be tested → Current analysis → Released results

Flagged and rejected results
The D-100™ system delivers high-quality results quickly and efficiently. All consumables are RFID-tagged for fully automated traceability and convenience. And, when it comes time, you can replace reagents without stopping the run.

80 results/hour

10,000-test analytical column with RFID tag

Get more done

The D-100™ system delivers high-quality results quickly and efficiently. All consumables are RFID-tagged for fully automated traceability and convenience. And, when it comes time, you can replace reagents without stopping the run.
Be confident

The D-100™ system generates gold-standard HPLC results every 45 seconds with variant detection and no interference from common variants. This means you can have complete confidence in your results.
The future of A1c testing

With over 30 years of experience in HPLC testing, Bio-Rad has developed the most advanced solution for A1c analysis. The D-100™ system simplifies high throughput A1c testing without sacrificing the high-quality results that are critical to patient care.

Contact your Bio-Rad representative for a look at the future of A1c testing, today.

Performance Specifications

Total Precision* ≤1.7% CV (NGSP units)
Accuracy Total error < 6%
Linear Range 3.5 to 20% HbA1c
Sample Concentration Range 50,000–350,000 mAU
HbA1c Units Reported IFCC and NGSP

Hemoglobin Interferences

- No interference from hemoglobins S, C, D, and E
- No interference from carbamylated Hb and labile HbA1c
- No interference from fetal Hb up to 30%

* Total precision is based on a 3-instrument, 60-day precision study using 3 lots of reagents to generate a total of 720 data points per sample. It includes the following sources of variation: within-run (repeatability), between-run, between-day, between-instrument, and between-lot.

Ordering Information

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>290-1000</td>
<td>D-100™ Hemoglobin Testing System</td>
<td>1 each</td>
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<tr>
<td>290-1004</td>
<td>D-100™ HbA1c Analytical Cartridge/Calibrator Pack</td>
<td>1 each</td>
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<td>290-1006</td>
<td>D-100™ HbA1c Calibrator Pack</td>
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<tr>
<td>290-1007</td>
<td>D-100™ Prefilters (5-pack)</td>
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<tr>
<td>290-1008</td>
<td>D-100™ Cleaning Tube</td>
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<tr>
<td>290-1009</td>
<td>D-100™ Sample Diluent, 1L</td>
<td>1 each</td>
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<tr>
<td>290-1010</td>
<td>D-100™ HbA1c Elution Buffer A, 2600 mL</td>
<td>1 each</td>
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<tr>
<td>290-1011</td>
<td>D-100™ HbA1c Elution Buffer B, 1400 mL</td>
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<tr>
<td>290-1012</td>
<td>D-100™ Wash Solution, 3300 mL</td>
<td>1 each</td>
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