

As easy as A-1-c



# Introducing the D-100™\*

One touch operation

One amazing experience

# System

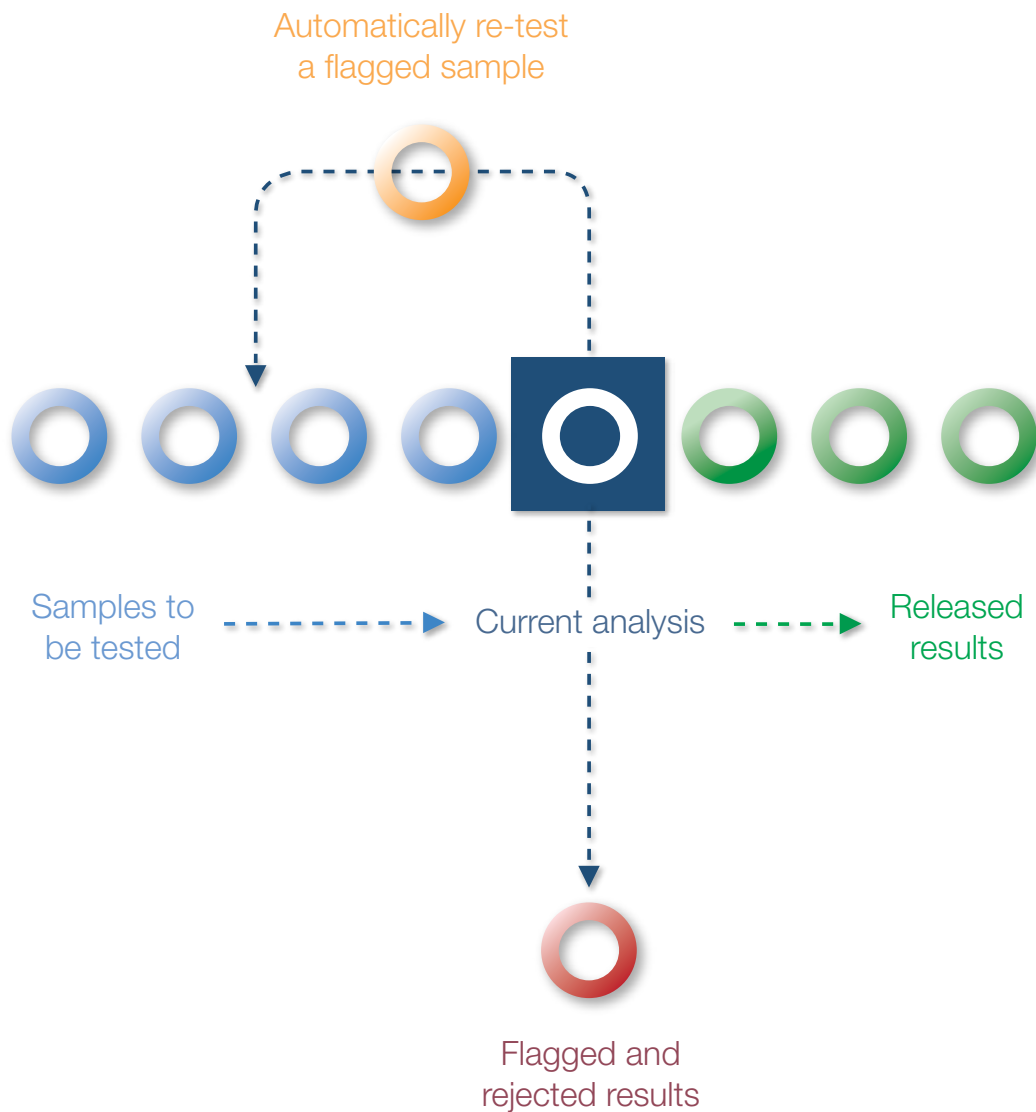


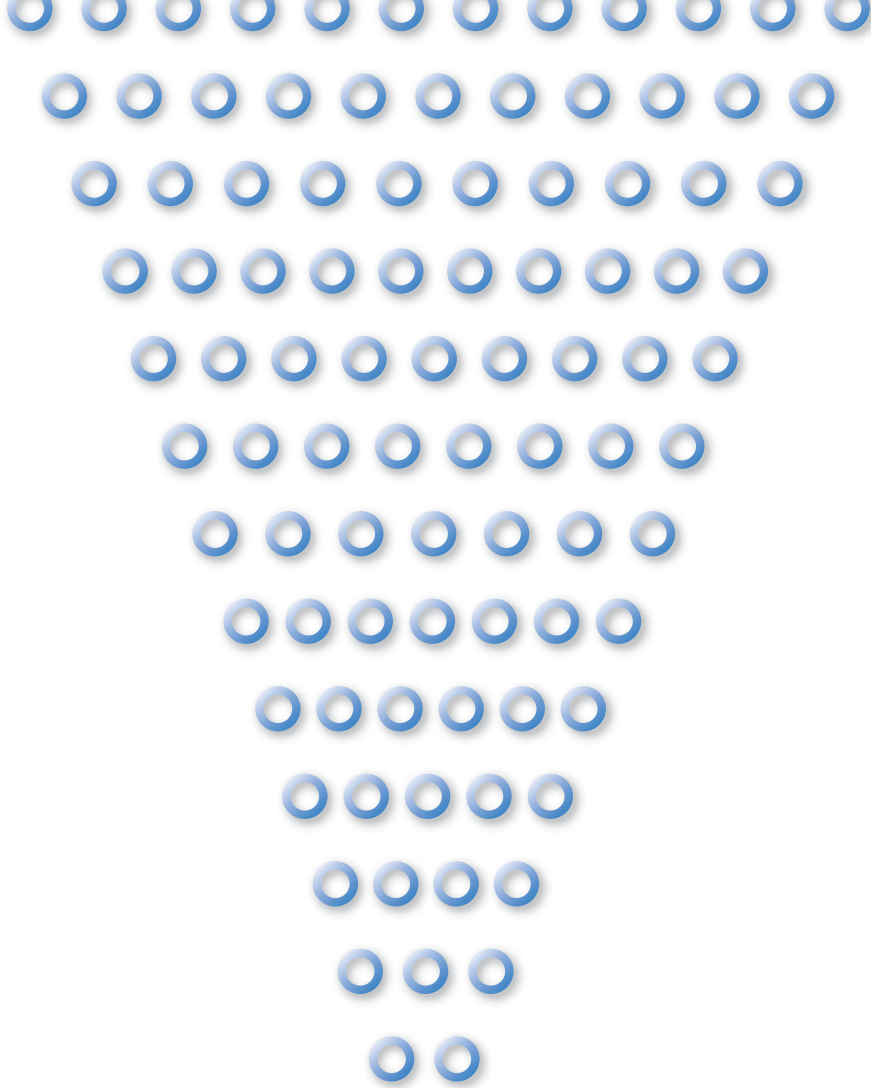
# A1c Simplified

Start a run with a single touch.  
Walk away while the D-100™  
system transforms your patient  
samples into simple A1c results.

# Work smarter

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.





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\*** .....  $\leq 1.7\%$  CV (NGSP units)  
**Accuracy** ..... Total error < 6%  
**Linear Range** ..... 3.5 to 20% HbA<sub>1c</sub>  
**Sample Concentration Range** ..... 50,000–350,000 mAU  
**HbA<sub>1c</sub> Units Reported** ..... IFCC and NGSP

## Hemoglobin Interferences

- No interference from hemoglobins S, C, D, and E
- No interference from carbamylated Hb and labile HbA<sub>1c</sub>
- 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

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



**Bio-Rad  
Laboratories, Inc.**

*For further information, please contact the Bio-Rad office nearest you or visit our website at [www.bio-rad.com/diagnostics](http://www.bio-rad.com/diagnostics)*

Clinical  
Diagnostics Group

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