



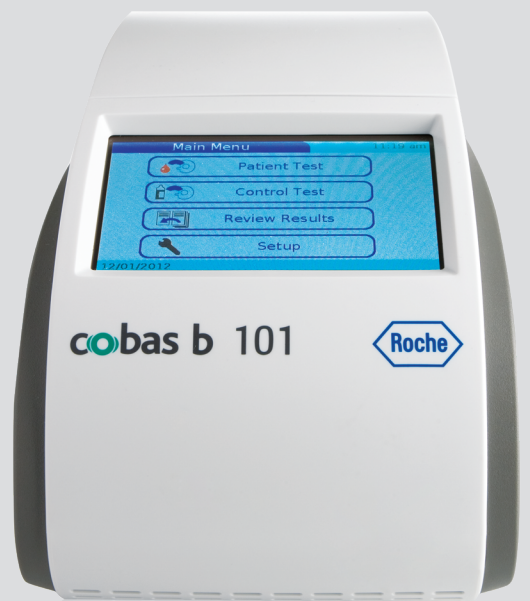
HbA1c diagnosis and monitoring at the Point of Care

Improving the outcomes for patients living with diabetes

**HbA1c
rebate
coming
soon***

The **cobas b 101** system includes tests for glycosylated haemoglobin (HbA1c), lipid panel and C-reactive protein (CRP) on the same device.

On the spot testing and results in 5 minutes
From the makers of CoaguChek®



The cobas b 101 system

Improve management of your patients with a PoCT system that delivers laboratory quality results^{1,2,3}

Benefits for your patients

Better patient compliance

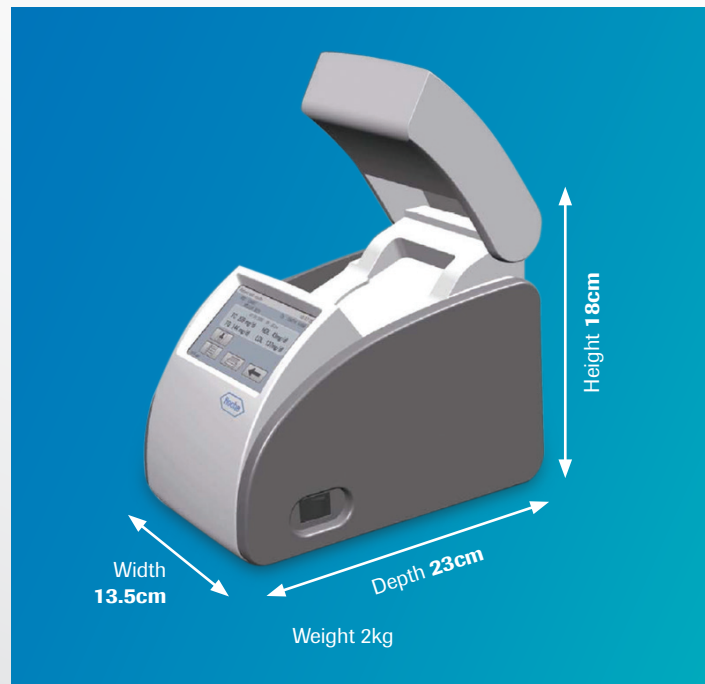
Compared with laboratory testing, POC HbA1c testing has been shown to significantly increase the proportion of patients achieving their diabetes glycaemic control.⁴

Simple and easy sample collection

Direct blood sample application onto disc from a finger prick, with no need for tubes or pipettes for sample collection or transfer. Test discs can be conveniently stored at room temperature (2-30°C).

Fast turnaround time

HbA1c result in 5 mins. On the spot results in just **3 simple** steps. **Dual testing** from one finger prick sample allows for HbA1c test and lipid panel within a 15-minute workflow cycle.



Benefits of cobas b 101 system

Easy and intuitive to use

Colour touch screen with a user friendly interface that has the same look and feel of other Roche Point of Care devices.

Improves workflow efficiency

Patient data storage with 5,000 patient results, 500 QC results, and 50 Operator IDs.

Compact and portable

Lightweight and portable. Weighs 2kg, with small footprint.

Automatic calibration on each disc

Samples and discs are checked for integrity and all steps of the process are controlled. **No service** required.

Guaranteed with a 3 Year Warranty.

3 simple steps to better patient outcomes



1

Power on the instrument and touch Patient Test.



2

Open the lid, lance the finger and place the drop of blood on the test disc.



3

Place test disc in the **cobas b 101** and close lid. The measurement starts automatically.

3 tests in one on a compact portable system

HbA1c Test

HbA1c (glycated haemoglobin) testing improves diabetes management in primary care settings

- » HbA1c with Diagnosis Claim¹
- » No interference from most common haemoglobin variants¹
- » Precision is fully compliant to the IFCC and NGSP guideline requirements⁵
- » Requires 2 μ L drop of capillary or venous whole blood. HbA1c test results in 5 mins
- » HbA1c result displayed in percentage (%) plus mmol/mol



Lipid Panel Test

Closing the gap in cardiovascular (CV) risk factor management

- » POC CRP testing follows the recommendations of the NICE clinical guidance⁶
- » Requires 12 μ L drop of capillary blood or serum, venous whole blood or plasma
- » CRP results in 4 mins
- » CRP results displayed mg/L



CRP Test

C-reactive protein (CRP) test supports appropriate antibiotic use at the Point of Care

- » POC CRP testing follows the recommendations of the NICE clinical guidance⁷
- » Requires 12 μ L drop of capillary blood or serum, venous whole blood or plasma
- » CRP results in 4 mins
- » CRP results displayed mg/L



Test Menu for Diabetes Management and CVD Risk Assessment

	Measuring Range
HbA1c	4.0 – 14.0% (NGSP)
Total Cholesterol	20 – 130 mmol/mol (IFCC)
Triglycerides	0.50 – 7.35 mmol/L
HDL	0.38 – 2.60 mmol/L
LDL	Calculated
Non-HDL	Calculated
CHOL/HDL	Calculated
CRP	3.0 – 400 mg/L

The Power of Point of Care Testing



Reference:

- * <https://www.health.gov.au/ministers/the-hon-greg-hunt-mp/media/21-million-to-support-australians-with-diabetes>
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- 2. Roche (2013). Multicenter evaluation of the cobas b 101 system for the measurement of HbA1c and lipid panel
- 3. Roche (2018). Multicenter evaluation of the cobas CRP Test on the cobas b 101 POC system
- 4. Bubner, T.K., Laurence, C.O., Gialamas, A., Yelland, L.N., Ryan, P., Willson, K.J. et al. (2009). Effectiveness of point-of-care testing for therapeutic control of chronic conditions: results from the PoCT in General Practice Trial. Med JAust 1 90, 624–626.
- 5. www.ifcc.org (accessed Feb 2013)
- 6. NIH; NCEP Third Report, The National Heart, Lung and Blood Institute.
- 7. NICE clinical guidance [CG101] (2014). Available at: www.nice.org.uk/guidance/CG101

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