



# A1CNOW<sup>®</sup>+

The A1CNOW<sup>®</sup>+ measures the glycated haemoglobin A, HbA1c in 5 minutes using a single drop of finger stick blood. The A1CNOW<sup>®</sup>+ test system fills a critical gap in the treatment of on-going chronic disease management by empowering healthcare professionals to provide individuals with an indicator of average blood glucose levels over a three-month period.

## Test Principles

The A1CNOW<sup>®</sup>+ incorporates microelectronics, optics, and dry-reagent chemistry strips within a reusable, self-contained, integrated handheld analyser and a single-use test cartridge. It utilises both immunoassay and chemistry technologies to measure A1C, and total haemoglobin, respectively.

Upon the addition of a diluted blood sample, blue microparticles conjugated to anti-A1C antibodies migrate along the reagent strips. The amount of blue microparticles captured on the strips reflects the amount of A1C in the sample.

## Storage and Stability

Analyser and consumables		Operating temperature (°C)	Storage temperature (°C) & Shelf Life	Time to bring to Operating temperature
<b>A1CNOW+</b>	A1CNOW+ Test Kit	Room temperature (18-28°C)	<p>Individually sealed Test Cartridges, A1CNOW+ Monitors, and Sample Dilution Kits may be stored at room temperature (18-28°C) for up to four months. If refrigerated (2-8°C), they may be used until the expiration date printed on the box/cartridge pouches.</p> <p>If the kit is exposed to temperatures greater than 122°F (50°C), the dot on the temperature label on the outside of the box will turn red and the product should not be used.</p>	If refrigerated, a minimum of 40 minutes is required to bring the kit to room temperature (18-28°C)
	Nova One Control Solution	2-8°C	<p>Unopened at -15°C to -25°C until expiry date. Once opened and thawed, it should be refrigerated (2-8°C) for a maximum of 6 months</p>	None. To be used direct from refrigerator

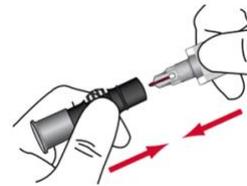
# Test Procedure



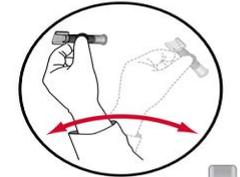
1. Open plastic shaker pouch



2. Collect blood using a lancet and gently touch blood drop



3. Fully insert blood collector into shaker body



4. Shake vigorously 6-8 times  
This will mix the blood with the solution. Stand shaker on table while preparing cartridge.



5. Remove cartridge from pouch



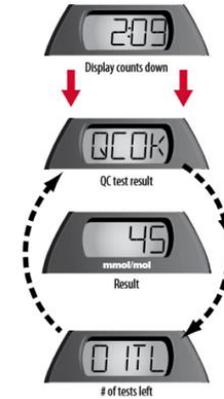
6. "Click" test cartridge into place. Make sure analyser and test cartridge codes must match.



7. Remove shaker base



8. Ensure analyser is on level surface. Wait for SMPL to be displayed. Then push down completely to dispense diluted sample. Remove quickly.



9. Results will be displayed in 5 minutes. This result cycle remains displayed for 15 minutes or until the next test cartridge is inserted.