



# NycoCard™ HbA1c QUICK REFERENCE GUIDE



## Preparing for analysis

### NycoCard™ HbA1c Test Kit

- Store the test kit refrigerated (2-8°C) until the expiry date.
- Avoid direct sunlight or exposure to temperatures above 25°C.
- Do not freeze.
- **R1/Reagent** must be stored dark at 2-8°C.
- Equilibrate to room temperature (20-25°C) before use.
- The reagent tube can be stored for maximum 6 hours at room temperature before use.
- **TD/Test Device** can be stored at room temperature (15-25°C).
- Store the test device in the original bag.
- Equilibrate to room temperature (20-25°C) before use.
- **R2/Washing Solution** can be stored at room temperature (15-25°C).
- Equilibrate to room temperature (20-25°C) before use.

### Patient Sample

- Blood samples with anticoagulant (EDTA, heparin and NaF) can be stored up to 10 days at 2-8°C before analysis. Do not freeze.

### NycoCard™ HbA1c Control

- Store the controls refrigerated (2-8°C). Opened controls are stable for 30 days when stored refrigerated.
- Equilibrate to room temperature (20-25°C) for a minimum of 30 minutes before use.
- Shake vial vigorously for a minimum of 10 seconds before use.
- The measured values should be within the acceptable range stated in the NycoCard™ HbA1c Control Package Insert.

### NycoCard™ READER II

- Turn on the instrument.
- The adjusting step and white calibration have to be done before measuring the NycoCard Test.
- Analyse the patient samples and controls following the test procedure on the reverse side.



**Consult the NycoCard™ User Instructions for complete information:**

- NycoCard HbA1c Package Insert
- NycoCard HbA1c Control Package Insert
- NycoCard Reader II User Manual

## Testing Procedure

### 1 Prepare sample



Add 5 µL whole blood to the test tube with R1/Reagent. Mix well. Leave the tube for minimum 2 minutes, maximum 3 minutes. Use a timer.

**Note:** Equilibrate R1/Reagent to room temperature (20-25°C) before use.

### 2 Apply sample



Remix to obtain a homogenous suspension. Apply 25 µL of the mixture to a TD/Test Device. Hold the pipette approx. 0.5 cm above the test well and empty the pipette quickly in the middle of the test well. Allow the mixture to soak completely into the membrane. Wait for minimum 10 seconds.

**Note:** Avoid air bubbles.

### 3 Apply Washing Solution



Apply 25 µL R2/Washing Solution to the TD/Test Device. Allow the reagent to soak completely into the membrane. Wait for minimum 10 seconds.

**Note:** Avoid air bubbles.

### 4 Read the result



Read the result within 5 minutes using the NycoCard Reader II. Follow the NycoCard Reader II User Manual.

**Note:** Place the TD/Test Device on the Reader Pad. Calibrate the instrument before use. Hold the Ready Pen steady during the measurement.