





POCT Link Trainer Guide – b101 HbA1c training

This document summarises the key points which should be covered by link trainers during training of **POCT HbA1c testing** using the **Roche b101 analyser**.

<p><u>Purpose</u></p> 	<ul style="list-style-type: none"> • HbA1c is a fraction of haemoglobin which is used as an indicator of the average blood glucose concentration over the previous 2-3 months. • It is therefore a good marker of diabetic control and HbA1c is the standardised measurement of longer-term control of blood glucose.
<p><u>Sample requirements</u></p>	<ul style="list-style-type: none"> • 2µL fresh capillary whole blood or non-anticoagulated venous whole blood.
<p><u>Quality Control / EQA</u></p>	<ul style="list-style-type: none"> • The optical disc needs running once a day (DO NOT clean with the clinell wipes), and 2 levels liquid QCs are required weekly. • Quality control samples should be stored at 2-8°C. Once opened, they are stable for 30 days. • If running a new QC lot number, you will be prompted to run pink disc found in QC box. • EQA samples should be tested on receipt, and the results returned on the form provided to the POCT team ASAP.
<p><u>Patient / sample preparation</u></p> 	<ul style="list-style-type: none"> • Gain positive patient identification and (when possible) consent. • Wear the appropriate PPE. • Wash and dry the patient's hand thoroughly. • Lance the finger and gently massage along the finger to obtain a good blood drop. • Wipe away the first blood drop and gently massage until a second large blood drop forms- this is the drop you'll use for the test.
<p><u>Analysis</u></p>	<ul style="list-style-type: none"> • Ensure the test disc has been at room temp for at least 20 mins prior to use.

	<ul style="list-style-type: none"> • Select patient test from the menu and enter the patient's details. • Using the second drop of blood obtained from the patient (as described in the above section) collect the blood sample using the test disc. Ensure the area marked in blue has been completely filled with blood. • Close the disc and place in in the instrument and the testing will commence. Remove the disc once prompted and dispose of in the clinical waste.
<p><u>Results</u></p>	<ul style="list-style-type: none"> • Results are displayed on the screen after analysis has been completed. • Results can be retrieved on the analyser: from the Main Menu choose Review Results > Patient Results • Results are automatically transferred to patient records, but also document results as directed by your clinical lead.
<p><u>After testing</u></p> 	<ul style="list-style-type: none"> • Dispose of test discs following waste management guidance. • The analyser can be cleaned with Clinell wipes.
<p><u>Stock</u></p>	<ul style="list-style-type: none"> • B101 test discs and QC liquid are provided by the POCT team.
<p><u>Analyser issues</u></p> 	<ul style="list-style-type: none"> • Contact POCT: <ul style="list-style-type: none"> ○ York (772)5890 ○ Scarborough (771)2659 • Bridlington (771) 3321

*** DO NOT SHARE YOUR OPERATOR ID WITH ANYONE ***

*** IT IS A DISCIPLINARY OFFENCE ***