

POCT Link Trainer Guide – Urilyzer

This document summarises the key points which should be covered by link trainers during training of **POCT urinalysis** using the **Sterilab Urilyzer 100 Pro**

<u>Purpose</u>	- The urilyzer is used for preliminary screening of urine - The test strips screen for diabetes, haemolytic disorders, urogenital and kidney disease, and metabolic disorders
<u>Sample</u> <u>reg</u> 	- Urine collected into a clean, dry container without preservatives - Samples should be labelled with patient details - Samples must be analysed within 4 hours - Not to be used for patients >65 years old with clinical details ?UTI
<u>Quality Control</u>	QC is run weekly by POCT
<u>Patient / sample preparation</u> 	- Gain positive patient identification and (when possible) consent - Wear PPE - Collect a fresh urine sample in a clean container labelled with patient details
<u>Analysis</u>   	- Log onto analyser using Operator ID and passcode - Check expiry date on pot of strips before testing - Remove only the required number of strips and reseal the container immediately - Dip strip in urine sample ensuring all pads are covered - Blot the edge of the strip on a clean paper towel to remove excess sample - Place strip on strip tray with test pads facing upwards, covering the green flashing light - Urilyzer will check the strip position and start 60sec countdown - Lot number and expiry = scan the barcode on the pot of strips - Patient ID = NHS number <i>If the analyser is not working, results can be read by eye</i> <i>Dip strip in urine sample and wait 60 seconds</i> <i>Use the guide on the pot to match the colour on the pads</i>

Results	<table><tr><th>Visual appearance of the urine sample</th><th>Results from the Urine dip stick analysis</th><th>Follow up Analysis</th></tr><tr><td>Clear</td><td>All results negative</td><td>Discard urine as there is no clinical evidence of infection</td></tr><tr><td>Clear</td><td>If any of the following are positive Nitrite, Leucocytes, Blood or protein</td><td>Send urine for culture and microscopy</td></tr><tr><td>Obviously infected or blood stained</td><td></td><td>Send urine for culture and microscopy</td></tr></table> • Results will print on removal of the test strip from the tray • Results must be recorded in the patient notes	Visual appearance of the urine sample	Results from the Urine dip stick analysis	Follow up Analysis	Clear	All results negative	Discard urine as there is no clinical evidence of infection	Clear	If any of the following are positive Nitrite, Leucocytes, Blood or protein	Send urine for culture and microscopy	Obviously infected or blood stained		Send urine for culture and microscopy
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After testing	• Dispose of used test strips in clinical waste • Clean the strip tray with a Clinell wipe or 70% alcohol wipes • The strip tray holder should be washed daily with warm water												
EQA samples	• External Quality Assurance is mandatory for all POCT equipment • Samples are sent every 2 months • It is every Operator’s responsibility to ensure the EQA samples are run and results returned to POCT												
Stock	• Order test strips from pharmacy • Printer paper is topped up weekly by POCT												
Analyser issues	• Contact POCT: ○ York (772)5890 ○ Scarborough (771)2659 ○ Bridlington (771)3321												

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

*** IT IS A DISCIPLINARY OFFENCE ***

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