

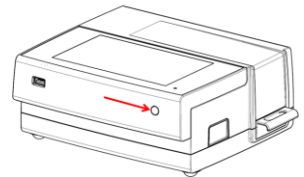
suPARnostic® Quick Triage measurement using the aLF Reader

aLF Reader set up

1. Place the aLF Reader on a stable and level surface.
2. Plug the power supply cable into the connector at the rear end of the aLF Reader.
3. If needed: Connect the DYMO LabelWriter to the aLF Reader with the supplied USB cable.

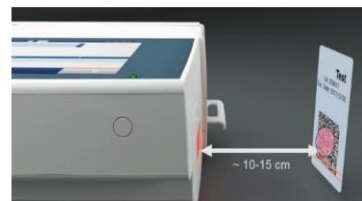
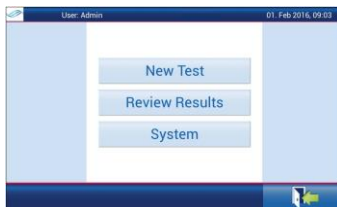
Turn on the aLF Reader

4. Turn on the aLF Reader by pressing the power button
Wait for the operating system to boot up.
The main menu will appear on the touchscreen display.



Perform measurement and preparation of sample

5. Touch "New Test" on the touchscreen display to start a new test.
6. Two measuring methods are available, the suPARnosticQT and the suPARnosticQT20
 - i. For suPARnosticQT, leave the device for 20 minutes on the table for incubation before measuring in the aLF Reader.
 - ii. For suPARnosticQT20, insert the device in the aLF Reader, which will incubate for 20 minutes before measuring automatically.
7. Using the internal 2D barcode scanner, scan the 2D barcode with the desired program, **suPARnosticQT** (manual reading) or **suPARnosticQT20** (automated reading), provided in the kit.
Keep the barcode at a vertical angle 10 – 15 cm from the aLF Reader.
8. Test Name, Lot ID, and Sample Settings will automatically appear on the screen.



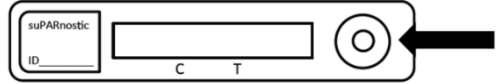
Sample preparation

9. Mix 100 µl of the Assay running buffer with 10uL fresh isolated plasma in a clean tube by briefly pipetting up and down at least 5 times or vortexing.

NOTE: Only samples which have not been frozen are to be used.

NOTE: Do not leave the mix for longer than one hour.

10. Transfer 60 µl of the mix to the suPARnostic® Quick Triage device.



11. Place the Lateral Flow cassette in the correct orientation into the drawer, as shown in the figure.



12. Insert the drawer into the device. Touch the "forward" button to proceed and confirm that the cassette has been inserted in the correct orientation.



13. Read the 2D-barcode with the Patient ID or write the Patient ID manually.

Obtain results

14. The test results will appear on the screen after the test run.

15. Touch the  "Print" button to print the results with DYMO LabelWriter or the "Export to USB stick" button to save the data  in .csv format on USB.

Summary table for sample preparation

suPARnosticQT – for manual reading	suPARnosticQT20 – for automated reading
1. Transfer 100 µL of running buffer to an empty tube.	
2. Transfer 10 µL of plasma sample to the tube containing 100 µL of running buffer. Vortex the mixture or use the pipet to mix up and down.	
3. Transfer 60 µL of the diluted sample to the well of the suPARnostic® Quick Triage device.	
4. Incubate the device for 20 minutes on the table. Scan the suPARnosticQT method barcode and insert the device into the aLF Reader.	4. Scan the suPARnosticQT20 method barcode. Insert the device in the aLF Reader for incubation and touch "forward" to activate the 20-minute incubation.
5. Press "forward" to read the device with the aLF Reader. Use the designated batch method.	5. aLF Reader reads the device automatically after 20 minutes.