

Quality Control

Each Test Cartridge contains an internal control that is processed during all the test stages together with the patient sample.

Each Test Cartridge kit contains both External Positive and Negative Controls.

We recommend to check each new Test Cartridge kit.

Intended Use

The Analyzer and its consumables (the Test Cartridge) are intended for in vitro diagnostics use, i.e. a virus detection in the patient's nasopharyngeal smear.



1 Pull out the panel with the connector on the Analyzer bottom until it clicks.



2 Connect the Analyzer to the next device.



Cluster connection scheme allows for optimizing the number of connections and cables in the workplace by daisy-chaining devices to each other. The power and interface of the devices in the cluster are provided through the first Analyzer (this does not change the functionality of the other Analyzers in the cluster).



LifePad

Analyzer LifePad

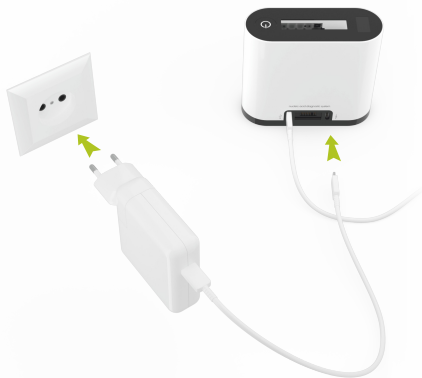
Quick Start Guide

K . K . M I R A I G E N O M I C S
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How to Prepare the Analyzer for Work

- 1 Download and install the software on your computer.

www.miraigenomics.com



- 3 Check the battery charge level, if the charge level is low, connect the power adapter.



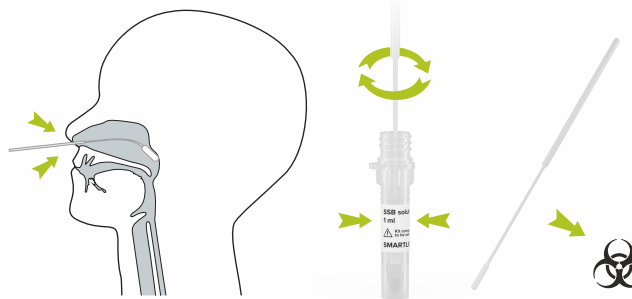
- 2 Connect the Analyzer to the computer using a USB cable.



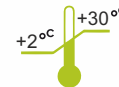
- 4 Prepare the Test Cartridge, a nasopharyngeal swab and a tube with the SSB solution from the Test Cartridge kit.

How to Prepare a Sample

- 5 Take a swab sample.
- 6 Insert the sample into the tube with the SSB solution and rotate carefully.
- 7 Remove the swab from the tube with the SSB solution and discard it in a biohazardous waste container.



24 hours

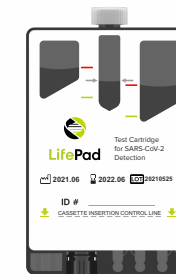


If immediate testing is not possible, recap the SSB tube. The prepared sample may be stored at room temperature for up to 24 hours.



- 8 Place the cap with dropper nozzle onto the tube.
- 9 Transfer all the liquid to the Test Cartridge inlet and close its lid tightly.
- 10 Remove the protective sticker from the Test Cartridge.

- 11 Insert the Cartridge into the Analyzer.

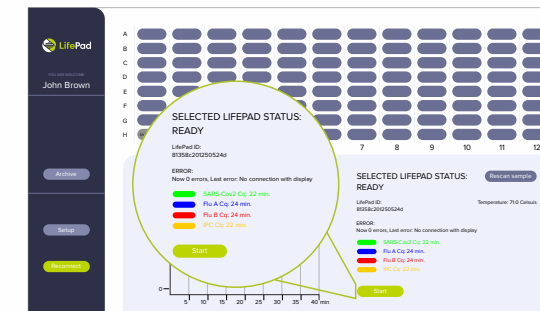


Test Start



Warning: Keep the Analyzer in the upright position during the test. If the Analyzer is in wrong position, the red LED is on

- 12 Start the test in the LifePad software.



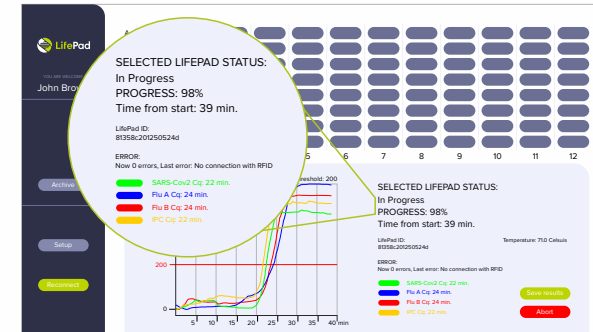
- 13 Wait for 40 minutes.

Warning: mechanical impact on the device during the test is not allowed.



In the In progress tab, each channel can indicate one of the results as follows:

- In progress – The test is running and the result is currently undefined.
 - Positive – The test result for this disease is positive.
 - Negative – The test result for this disease is negative.
 - Doubtful – The test result for this disease is doubtful.
- We recommend to wait for the test to complete.



- 14 Once the test is finished, dispose of the Test Cartridge.

