

MOBILEDETECT BIO

BCC19 Test Quick Start Guide

All items included in the testing kit are color coded to match the steps below.

NOTE: This guide is NOT a replacement for reading the User Manual.

1

COLLECT SAMPLE

- NOTE: Items used in all steps are color coded for ease of use.
- Utilize proper Personal Protective Equipment (PPE) in accordance with federal, state and local restrictions.
- Using a viral sample collection kit, collect sample(s) utilizing CDC Guidelines for sample collection on their website at www.cdc.gov.*
- Place collected swab sample(s) in viral transfer medium (VTM) fluid container, break swab off and close top tightly.



STEP 1

* The MD-Bio BCC19 Assay has been validated with NP swabs.

2

PREPARE TEST

- Place tube strip and Reagents 1&2 in prep stand for this step.
 - Dispense 12.5µL of Reagent 1 into test tube(s). *Throw away tip after every dispensation.*
 - Dispense 11.5µL of Reagent 2 into test tube(s). *Throw away tip after every dispensation.*
- NOTE: You will now apply patient samples; it is recommended to do this in an entirely different room from where Reagent 1 & 2 were deposited.**
- Lightly agitate then dispense 1µL of VTM from collected sample into test tube. *Throw away tip after every dispensation.*
 - NOTE: Each collected sample must be dispensed in one tube only for unique test results, replacing pipette tip between each unique VTM sample.
 - Firmly place tube strip lid on tube(s) after collected samples have been dispensed.



STEP 2

** Refer to IFU document for recommended test controls.

3

RUN TEST

- Place test tube(s) in the MD-Bio Heater or Approved Thermal Cycler and close the lid.
 - Press SELECT button on MD-Bio Heater to begin test. (Press twice if device is in sleep mode).
- NOTE: If using an alternate thermal cycler, use the following settings:
- Cycle time: 30 minutes
 - Sample Temperature: 65°C
 - Lid Temperature: 95-105°C
 - Sample Volume: 25µL
- Test is finished on MD-BIO Heater when device emits a continual series of beeps and green and amber lights are blinking. Press SELECT button to return heater to standby mode.





STEP 3

4

ANALYZE RESULTS

- Open lid on MD-Bio Heater and remove the test tube strip.
- Place test tube strip in MD-Bio Analysis Station, making sure to fully insert it into the stand.
- Review color change(s) on each individual test tube.

 = Negative

 = Positive

For Automated Detection, download the MobileDetect App on the Apple App or Google Play store and follow the on screen instructions and tutorials.



STEP 4