



# CoVIDScandx V.1

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Works for me

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- 1 Add smart lysis buffer with 1:1 ratio in the VTM sample
- 2 Heat for 68C for 8 minutes and then 95C for 10 minutes
- 3 Cool and take 3 ul to colorimetric LAMP master mix (NB: M1800)
- 4 Vortex reaction mix and centrifuge to collect material
- 5 Pipet 24 µl per reaction into desired reaction vessels and add 1 µl of sample. Mix by vortexing or by pipetting if using a plate or similar vessel, centrifuge to collect if necessary. Check that reaction solutions have a bright pink colour, which indicates initial high pH required for successful pH-LAMP reaction.
- 6 Incubate at 65°C for 30 minutes.

- 7 Cool on ice for 2 minutes
- 8 Add 5 ul of the LAMP reaction with the sample buffer
- 9 Load to the LFD strip and let is absorbe
- 10 Visualize the bands for internal control and SARS-CoV-2
- 11 Scan with mReader to record results