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# 🌐 CoVIDScandx V.1

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**Protocol status:** Working
**We use this protocol and it's working**

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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