



Co-Dx Logix Smart SARS-CoV-2 Direct Saliva User Guide

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Quick Start Guide for Using the Logix Smart™ SARS-CoV-2 Direct Saliva RUO Product (COVDS-R-003 and -004)



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Plate the Master Mix

Perform in Clean Area

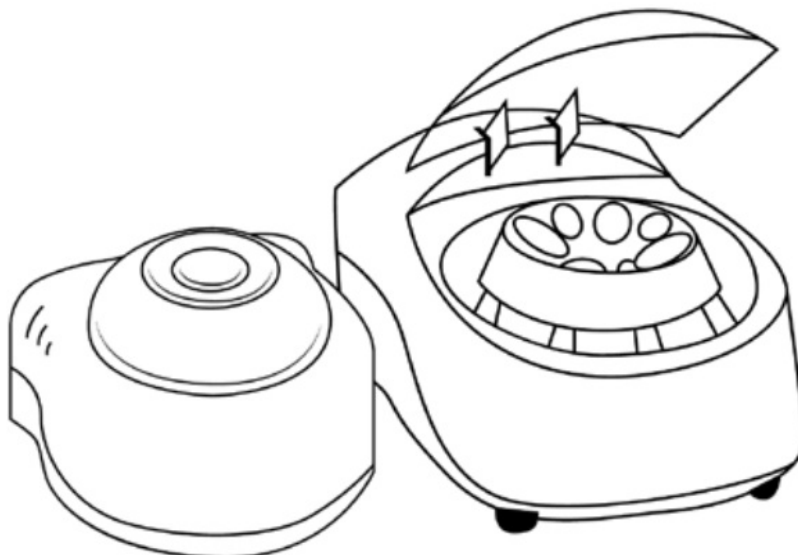
- a. Load the Co-Dx Box software.
- b. In the Clean area, clean work surfaces with water > 10% bleach > water > 70% alcohol (in that order), or another equivalent method of cleaning that disinfects and degrades nucleic acids.



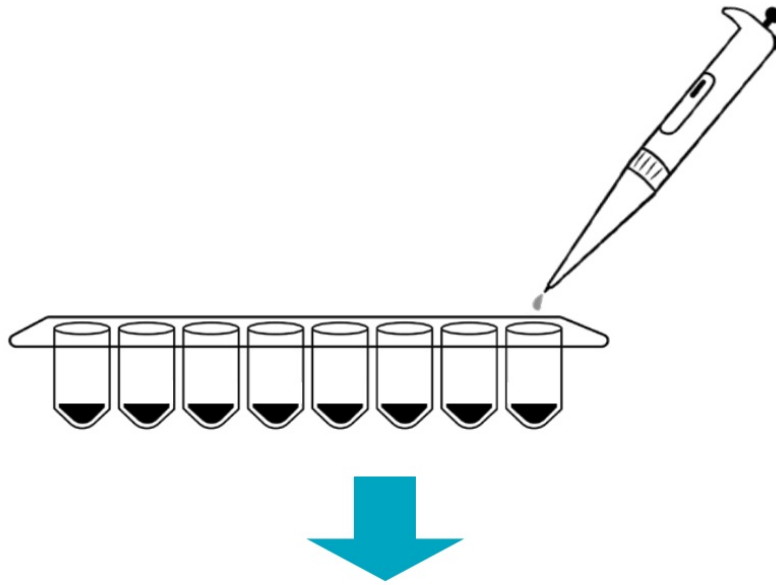
c. Thaw the master mix (MM) and the nuclease-free water (NFW) (for the no-template control [NC]), on ice.



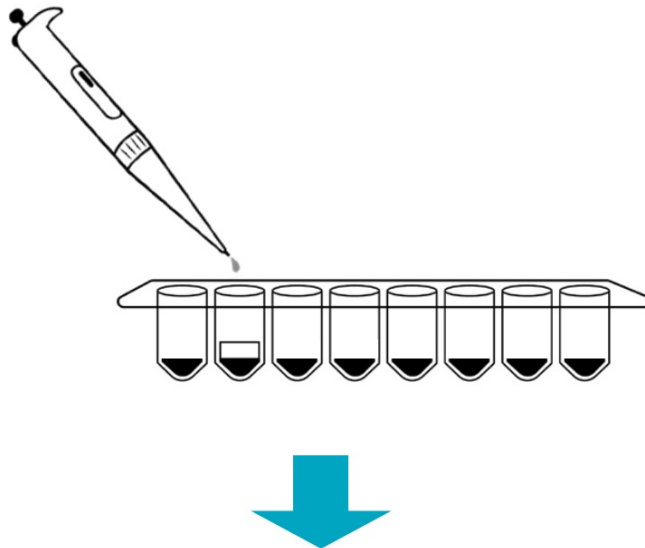
d. Briefly vortex and centrifuge the MM and NFW reagents.



e. Add 10 μL of MM into every well that will be used (1 well for NC, 1 well for positive control [PC], and 1 well for each sample).



f. Pipet 10 μ L of NFW into only the NC well and cap the NC well.



g. Place reagents back into the freezer.

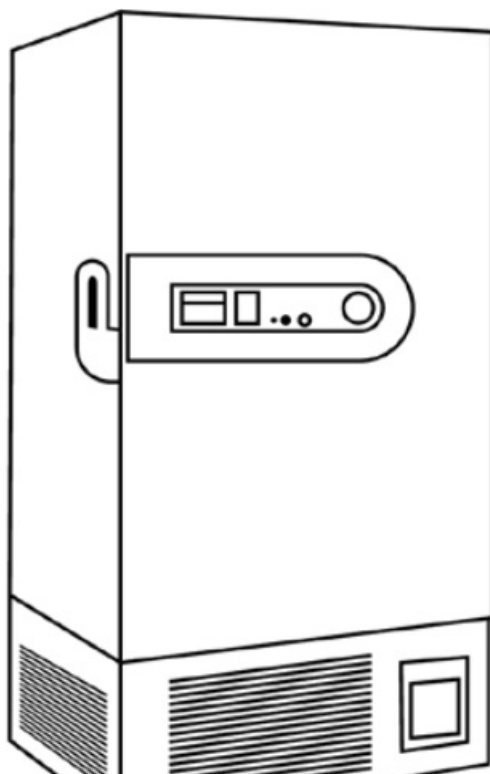


Plate Samples and Positive Control (PC)

Perform in Positive Area

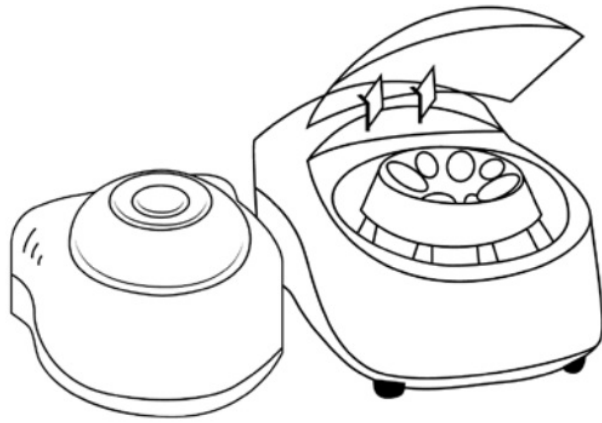
- a. Load the Co-Dx Box software.
- b. In the Positive area, clean work surfaces with water > 10% bleach > water > and 70% alcohol (in that order).



- c. Thaw the PC on ice.



- d. Briefly vortex and centrifuge all reagents.

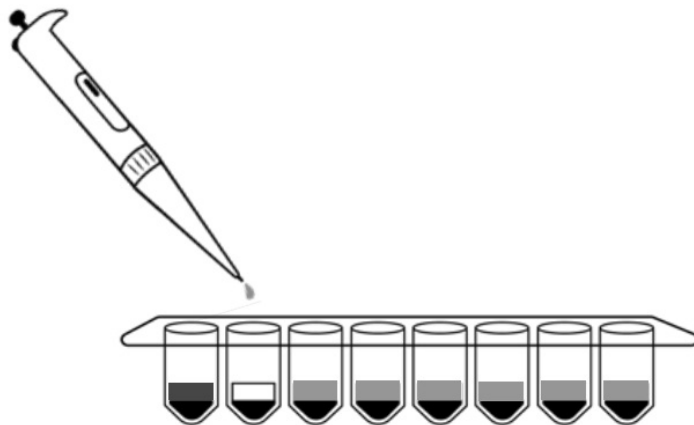


e. Perform sample extraction, either using RNA extraction or lysis.

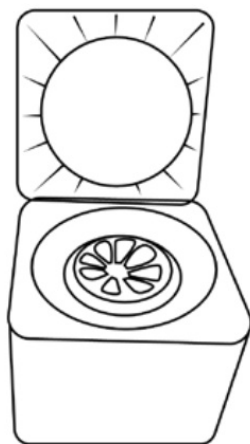
f. Add 10 μL of the sample extract to the appropriate wells and cap the sample extract wells.



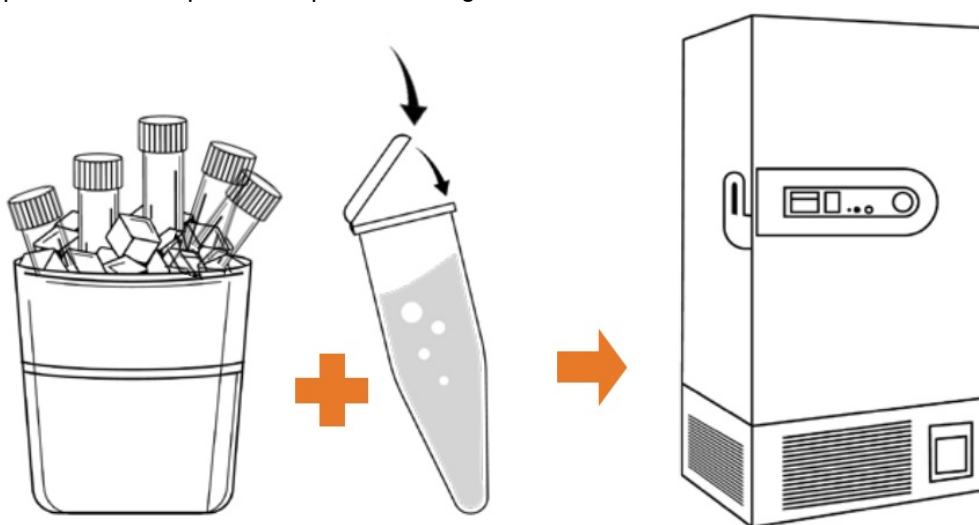
g. Add 10 μL PC to the PC well and cap the PC well.



h. Place capped tubes in the thermocycler, in appropriate locations and fill the rest of the carousel with blank tubes.



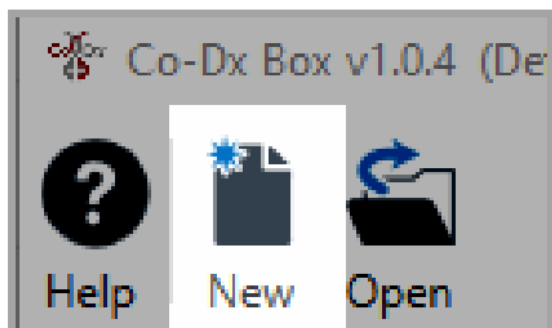
i. (Optional): Cap all tubes and place samples and reagents back into the freezer.



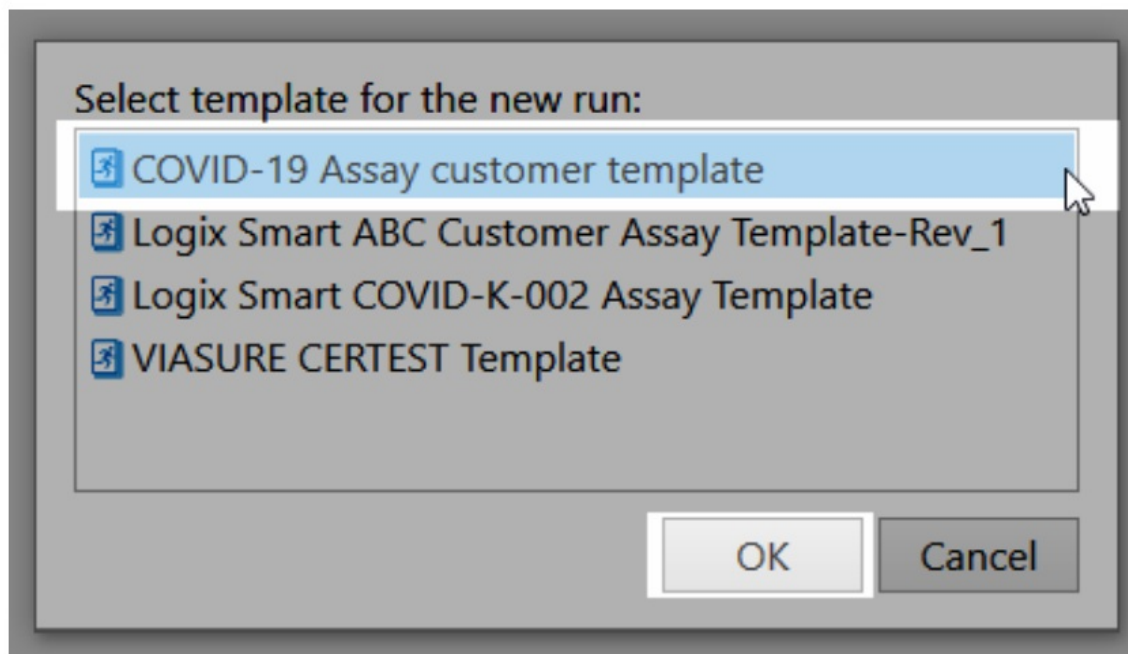
Start the Run

Perform in Co-Dx Box Software

a. In the Co-Dx Box software, click New.



b. Select an assay template and click OK.



c. Under Run Setup, select Samples and type sample information in the appropriate order.

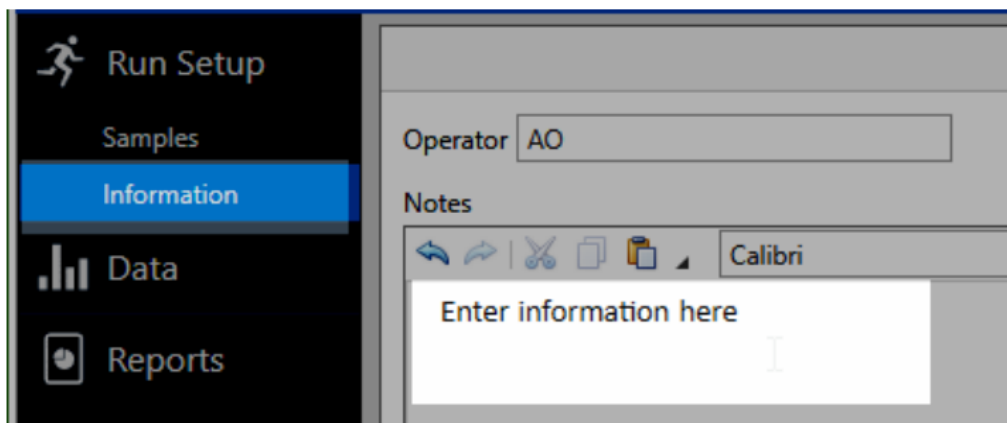
CoDx Box 1 Centrifuging Samples

Run Setup

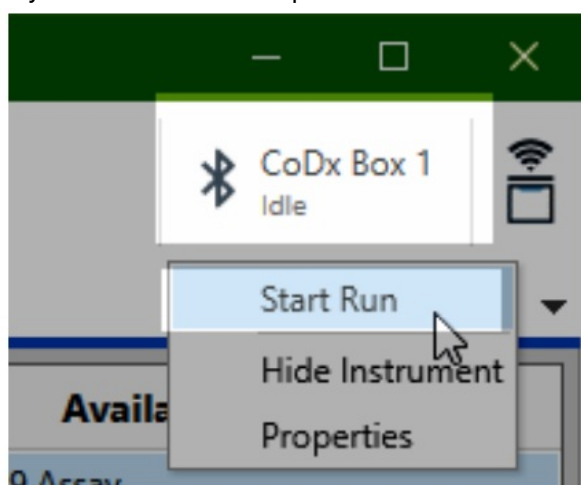
- Samples
- Information
- Data
- Messages
- Reports

Samples					
Search					
	Colour	Name	Type	Assay	Standards
1	■	PC	Unknown	COVID-19 Assay	
2	■	NTC	Unknown	COVID-19 Assay	
3	■	Sample 1	Unknown	COVID-19 Assay	
4	■	Sample 2	Unknown	COVID-19 Assay	
5	■	Sample 3	Unknown	COVID-19 Assay	
6	■	Sample 4	Unknown	COVID-19 Assay	
7	■	Sample 5	Unknown	COVID-19 Assay	
8	■	Sample 6	Unknown	COVID-19 Assay	
9	■	Sample 7	Unknown	COVID-19 Assay	
10	■	Sample 8	Unknown	COVID-19 Assay	
11	■	Sample 9	Unknown	COVID-19 Assay	
12	■	Sample 10	Unknown	COVID-19 Assay	
13	■		Unknown		
14	■		Unknown		
15	■		Unknown		
16	■		Unknown		

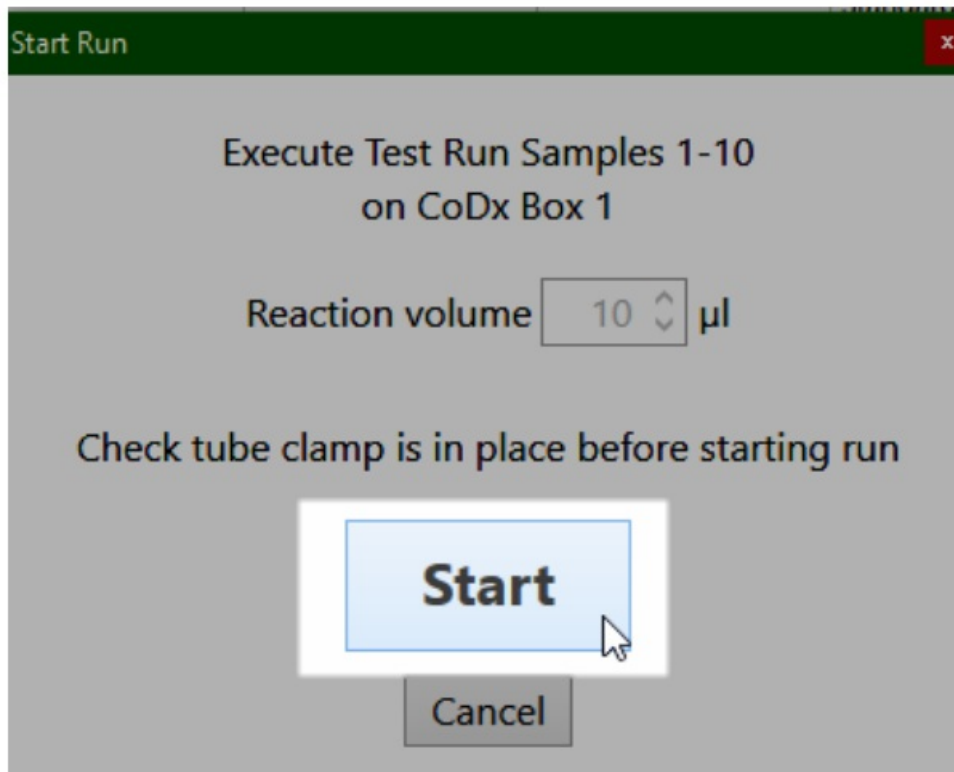
d. Click Information and in the Notes field, type any needed information.



e. Select the appropriate thermocycler and from the drop-down select Start Run.



f. Verify the tube clamp is in place and the appropriate reaction volume is listed, and select Start.



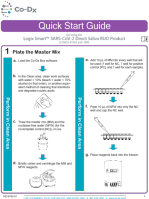
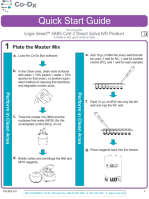
The run initializes and a progress bar gives an estimated time to completion.

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Documents / Resources

	<p>Co-Dx Logix Smart SARS-CoV-2 Direct Saliva [pdf] User Guide Logix Smart SARS-CoV-2 Direct Saliva, Logix Smart SARS-CoV-2, Direct Saliva, Saliva</p>
	<p>Co-Dx Logix Smart SARS-CoV-2 Direct Saliva [pdf] User Guide Logix Smart SARS-CoV-2 Direct Saliva, Logix Smart, SARS-CoV-2 Direct Saliva, Direct Saliva, Saliva</p>