Quick Start Guide

Co-Dx™ Logix Smart® Mycobacterium Tuberculosis Kit
(MTB-K-007)

1 Plate the Master Mix

Perform in Clean Area

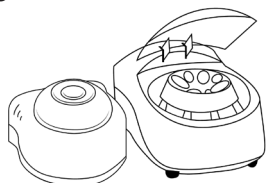**a.** Load the Co-Dx Box software.

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.
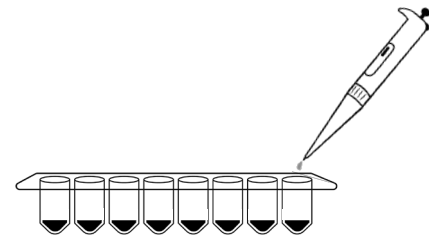
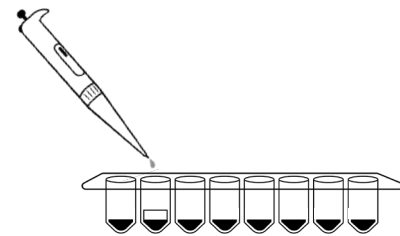**c.** Thaw the master mix (MM) and the negative control (NC) on ice.

d. Briefly vortex and centrifuge the MM and NC reagents.
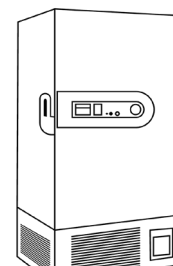
Perform in Clean Area

e. Add 5 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. Pipette 5 µL of NC into the NC well and cap the NC well.

g. Place reagents back into the freezer.

for Using the
Co-Dx™ Logix Smart® Mycobacterium Tuberculosis Kit
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2 Plate Samples and Positive Control (PC)

Perform in Positive Area

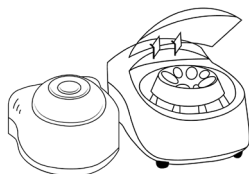**a.** Load the Co-Dx Box software.

b. In the Positive area, clean work surfaces with water > 10% bleach > water > and 70% alcohol (in that order).
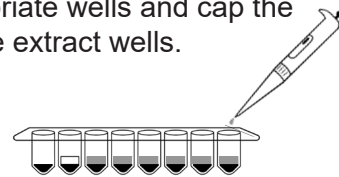
c. Thaw the PC on ice.

d. Briefly vortex and centrifuge all reagents.

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

Perform in Positive Area

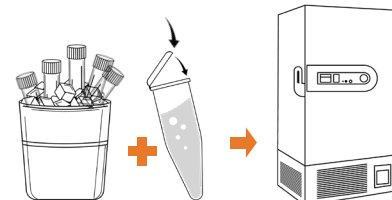**f.** Add 5 µL of the sample extract to the appropriate wells and cap the sample extract wells.

g. Add 5 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.
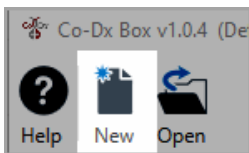
Quick Start Guide
(continued)

for Using the
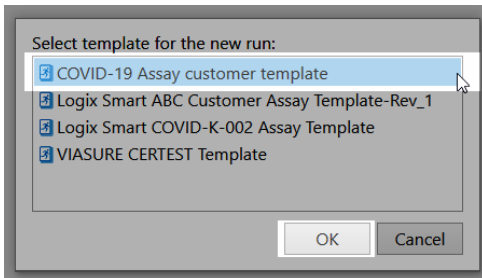## Co-Dx™ Logix Smart® Mycobacterium Tuberculosis Kit
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3 Start the Run
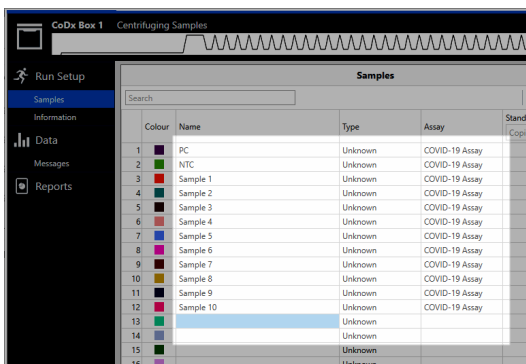
Perform in Co-Dx Box Software

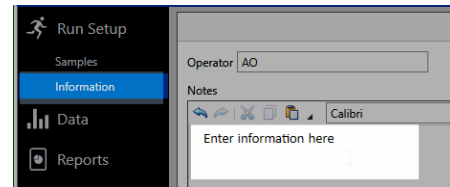**a.** In the Co-Dx Box software, click **New.**

b. Select an assay template and click **OK**.

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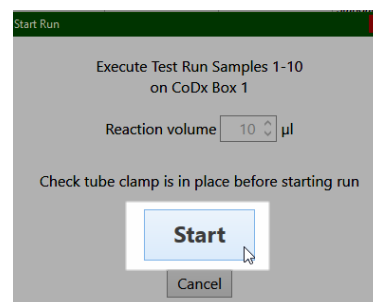

Perform in Co-Dx Box Software

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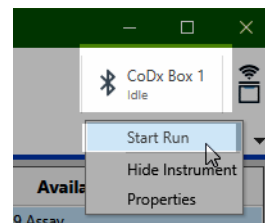
f. Verify the tube clamp is in place and the appropriate reaction volume is listed, and select **Start**.

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