

GUIDANCE FOR THOSE BEING TESTED

Patients should not eat and drink for 30 minutes prior to your test.
Some foods and drinks may lead to false readings within the MyGo machine.

GENERAL GUIDANCE FOR THE FRANKD TESTING MACHINE OPERATOR:

After each 30 minute test, the MyGo machine remains warm for some minutes. Do not put a strip of testing tubes into the MyGo machine whilst preparing further testing tube strips. The operation time of adding samples to the strip should be fast and precise. The full adding of the samples of FRANKD strip and loading MyGo Pro machine should not take longer than 5 minutes. Longer processing time of processing will start the reaction process in that first strip without being captured as part of the MyGo 30 minute process.

Don't start adding samples to testing tubes before you are sure that after finishing that step you can immediately put the strips into the machine and start running. You shouldn't wait for the next samples when some others are added to strip and wait in liquid form.

Firstly add all testing samples to the strip separately opening each tube and closing after sample adding. After that add a control buffer to negative control and after closing the negative control tube proceed with positive control.

Investigate strips for bubbles and eventually solid particles which can come from swabbing. Remove bubbles by tapping the strip and if there are any solid particles inside tubes you shouldn't.

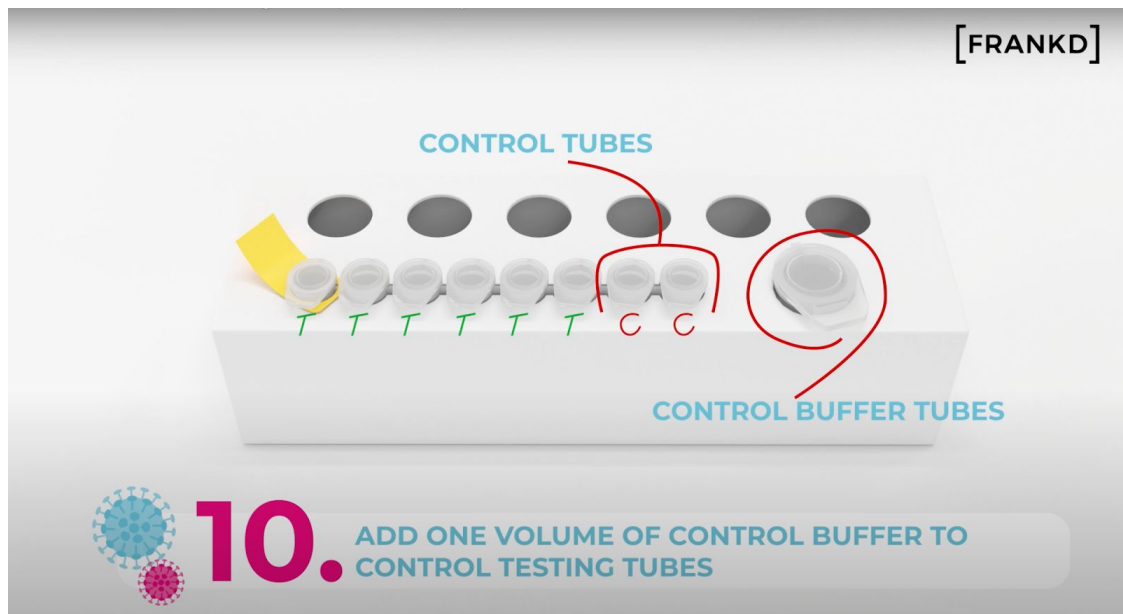
STEP BY STEP PROCEDURE

Preparation of the space:

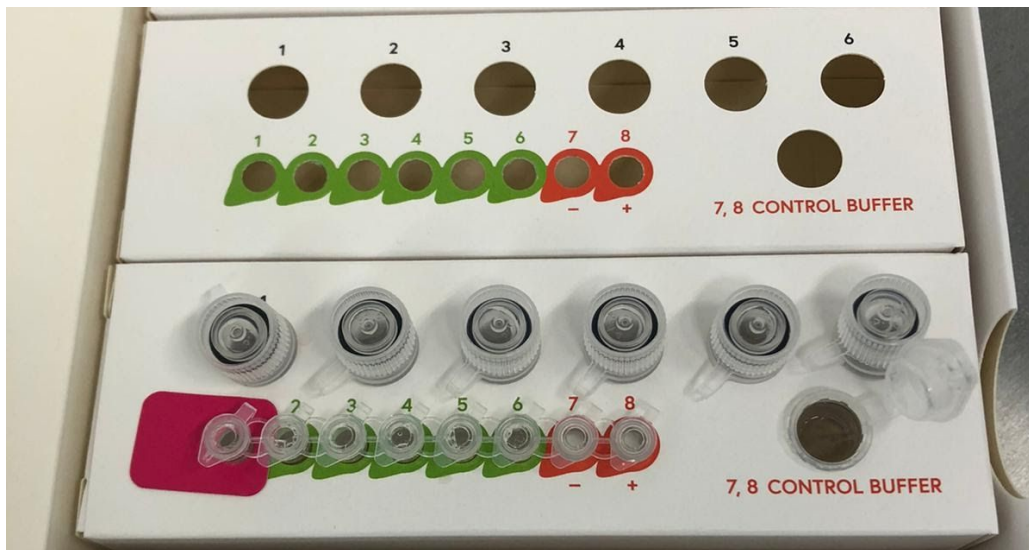


1. Put on single use gloves (nitril or other type). Like in the movie:
<https://www.youtube.com/watch?v=cl7u3kJHYHY>
2. Use a common sterilizing spray on the gloves and rub the hands together to clean the gloves while wearing them. A common sterilizing spray for all laboratory purposes is:
<https://www.fishersci.com/shop/products/decon-cidehol-70-isopropyl-alcohol-spray-7/p-83743>
3. Clean all the surfaces where you will perform the testing with a sterilizing spray.

4. Choose one of the racks from the FRANKD box. This rack contains an 8-well strip. The label attached to the 8-well strip (pink on the picture below) determines the side from which samples should be added first. The first 6 wells on the strip (counting from the label) are for testing samples and the last 2 wells are for controls.



- Organize Your samples in the way how you want to add them to the FRANKD strip - preferably in a stand with numbers from 1 to 6 (that's what the bigger holes are for).



- Open the box of pipette tips, the lid should be opened only before taking out each of the tip for transferring the sample to FRANKD rack.



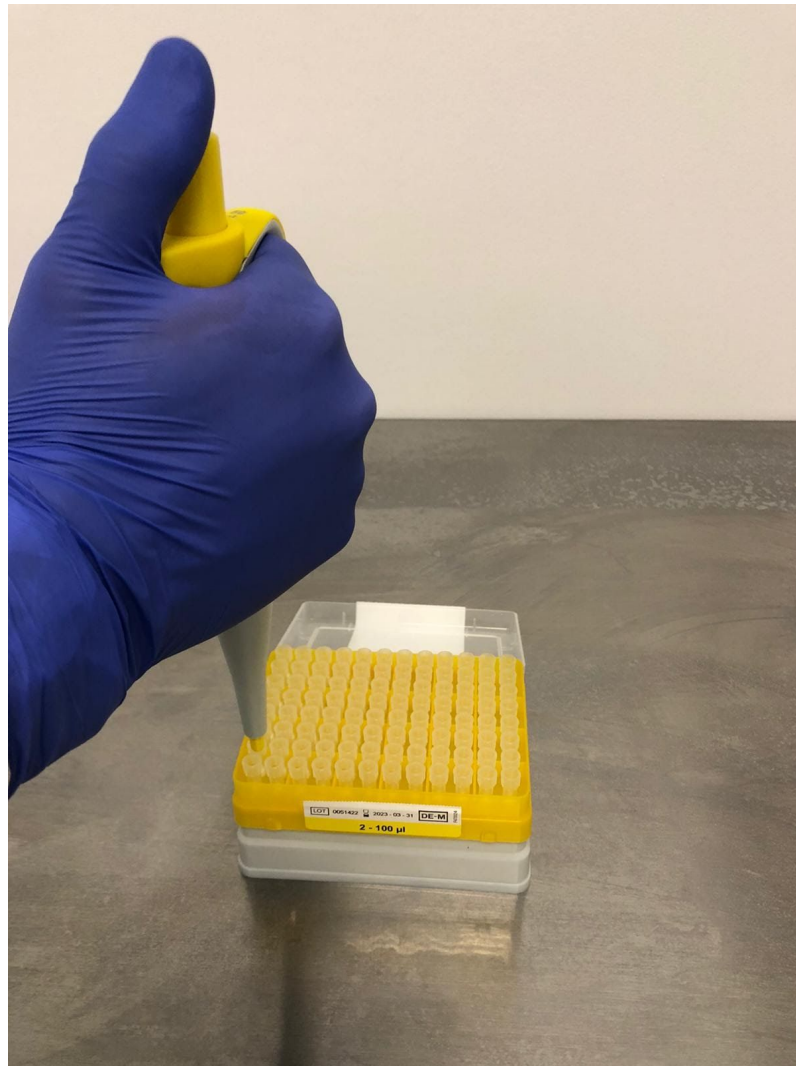
7. Check the settings of your pipette - it should be set to 50 ul.



8. Load the testing template into the MyGo Pro machine.

Start of the testing:

1. Lift the lid of the tips box and load it on the pipette by pushing the pipette into the tip. After loading the tip, close the lid of the tips box.
BE AWARE not to spike anything with the tip end. This might cause contaminations.



2. Open the first sample tube and take 50 ul of the sample and close it.



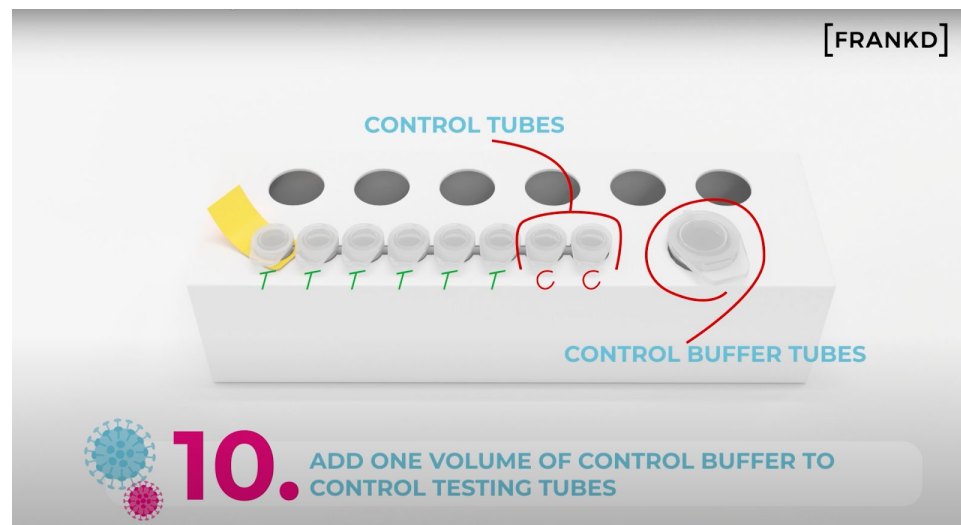
3. While having the liquid in the tip end loaded on the pipette in the leading hand, with the second hand open the lid of the first testing tube in the FRANKD strip.



4. Transfer the sample, no need for reconstitution.
5. Close the lid of the testing FRANKD tube. Throw away the tip end to a designated bin.



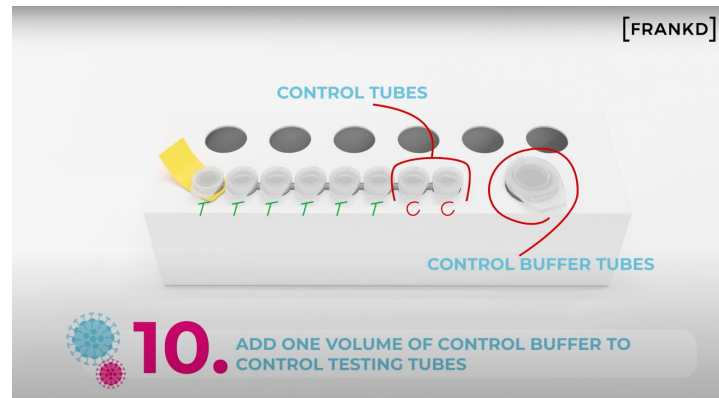
6. Repeat those steps for all testing FRANKD tubes (marked green T on the picture below).



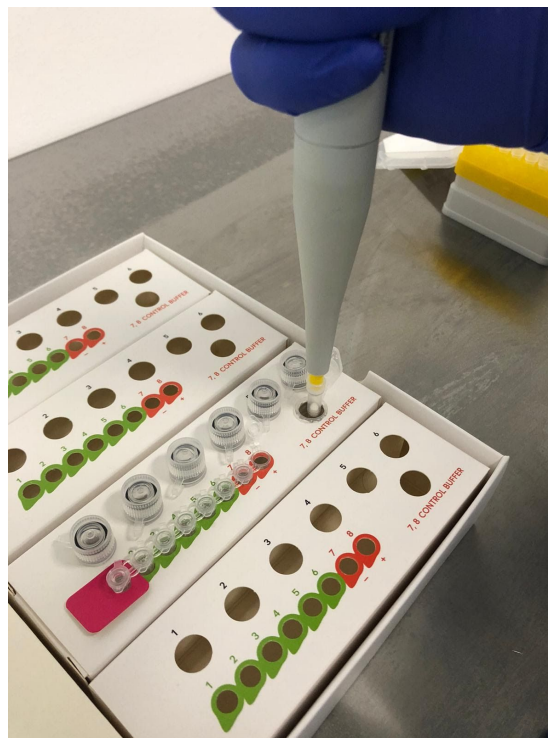
7. Remember to lift the lid of the tips box prior to acquiring. Don't spike anything with the tip of the pipettes.

Processing of the controls:

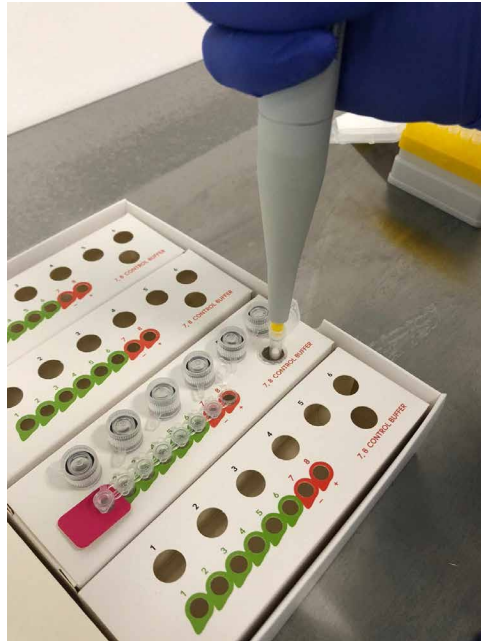
1. Negative and positive control should be reconstituted with the buffer from FRANKD box (negative and positive control marked C on the picture and control buffer circled in red).



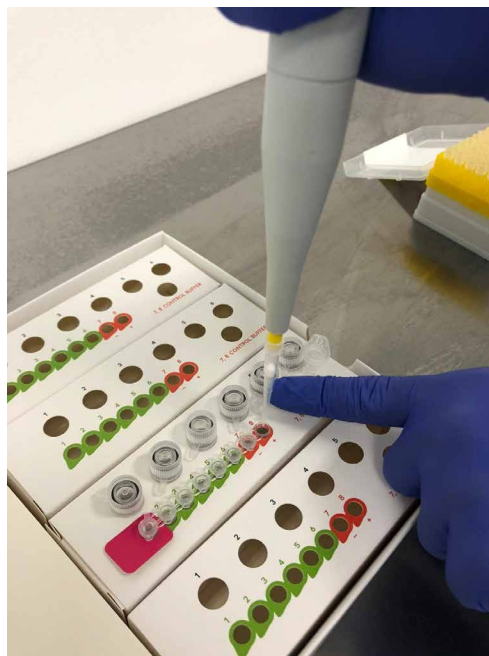
2. Lift the lid of the tips box and load it on the pipette. Close the lid of the tips box. BE AWARE not to spike anything with the tip end. This might cause contaminations. (pictures for this exact step are available in the above testing procedure instruction)
3. Open the tube with the FRANKD Buffer and take 50 ul of the FRANKD Buffer. Close the lid.



6. Lift the lid of the tips box and load it on the pipette. Close the lid of the tips box. BE AWARE not to spike anything with the tip end. This might cause contaminations. (pictures for this exact step are available in the above testing procedure instruction)
7. Open the tube with the FRANKD Buffer and take 50 ul of the FRANKD Buffer. Close the lid.



8. Transfer the FRANKD Buffer to positive control, no need to the freeze dried reagents.



9. Close the lid of the positive control FRANKD tube. Throw away the tip end to a designated bin.



THIS PROCEDURES SHOULD NOT TAKE LONGER THAN 5 MINUTES. IF THE TEMPERATURE OF THE SURROUNDINGS IS HIGHER THAT 25 DEGREES REMEMBER TO PLACE THE SAMPLES IN THE COOLING STAND.

Loading MyGo Pro machine with the prepared strip:

1. Make sure there are no bubbles in the FRANKD testing tubes (strip). If bubbles are present - shake the FRANKD strip gently until the bubbles disappear.



2. Open the lid of the MyGo Pro machine and load the FRANKd testing tubes.



3. Re-confirm that all the lids of the testing FRANKD tubes (in the strips) are closed.
4. Close the MyGo Pro lid (the machine should light up to the orange colour).



5. Click the “run” button on the pre-loaded protocol to the MyGo software (when the reaction start the machine should light up to the blue colour).



ADDITIONAL NOTES: MyGo turned on - not performing any runs and without strips inside should light up to green colour.

