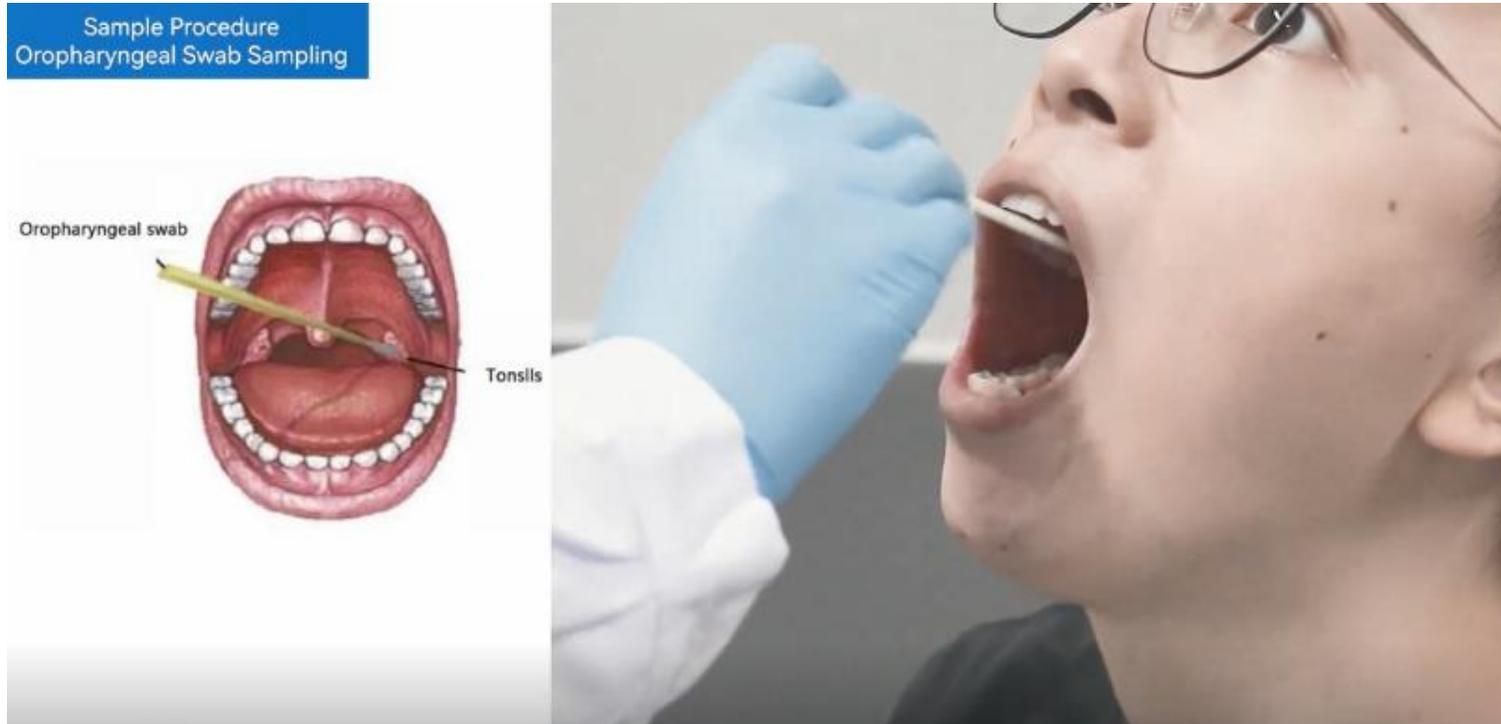


1. Sample Procedure Oropharyngeal Swab Sampling



Wipe the swab repeatedly for **3-5 times** to collect mucosal cells and avoid touching the tongue, oral mucosa or saliva.

2. Test Procedure (Sample processing)



Insert the swab into the Specimen Release Agent (blue lid) and squeeze the tube wall **5 times** to fully release the sample RNA.

Do the same for remaining 5 samples



Mix upside down the tube **5 times** and shake **1 time**

2. Test Procedure (Positive control processing)



Reconstitute positive control(**pink lid**) by dissolving the lyophilized positive control powder with another tube specimen release agent(**blue lid**)

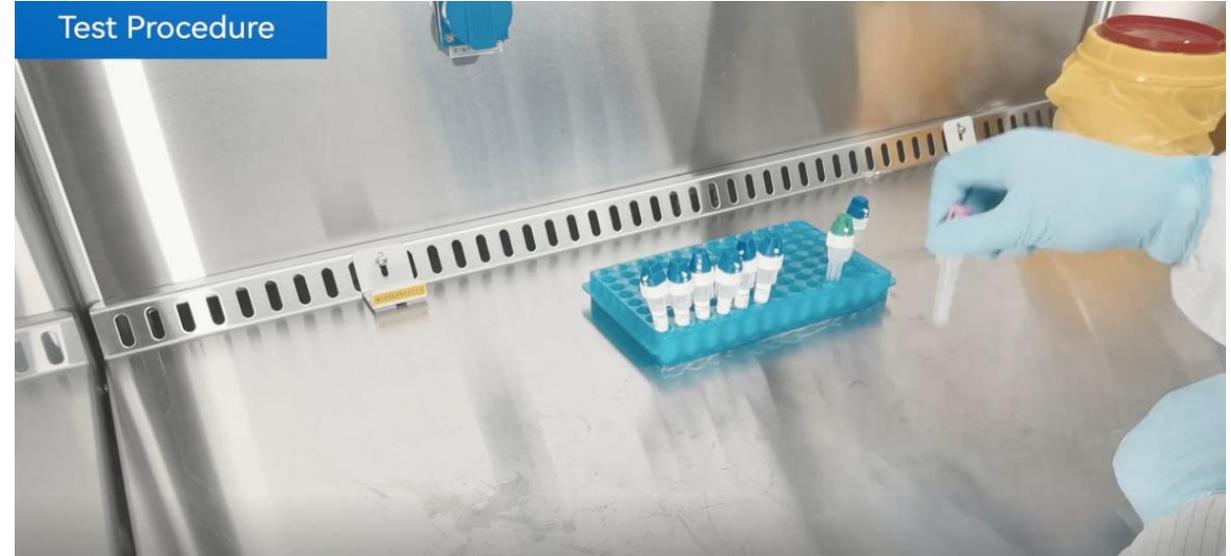
2. Test Procedure (Positive control processing)



Squeeze **5 times**

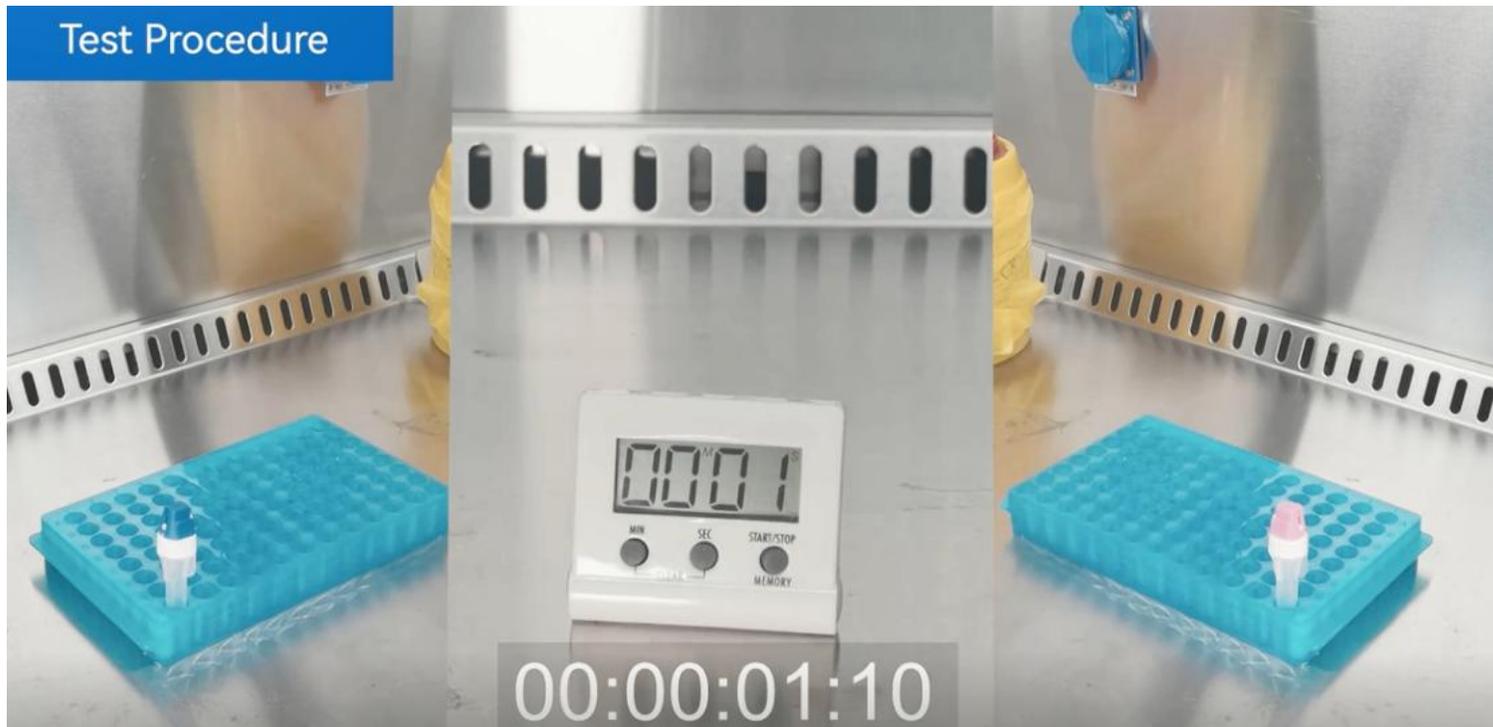


Mix upside down the tube **5 times**



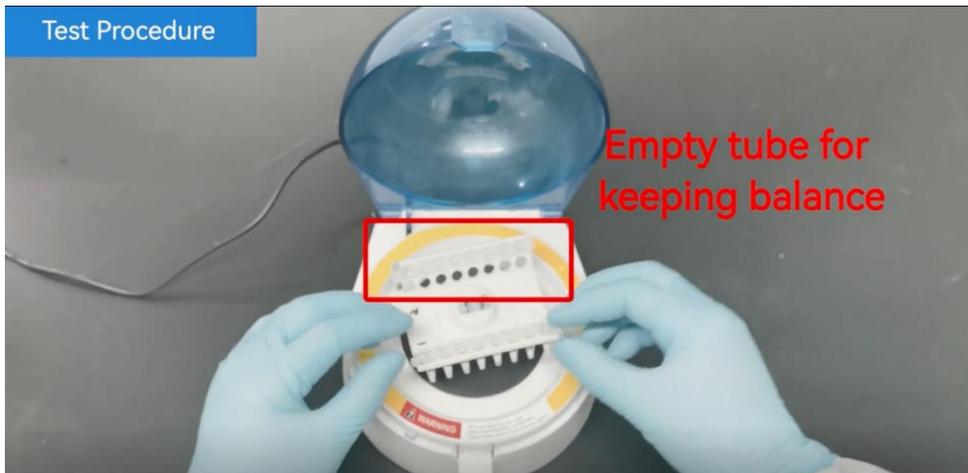
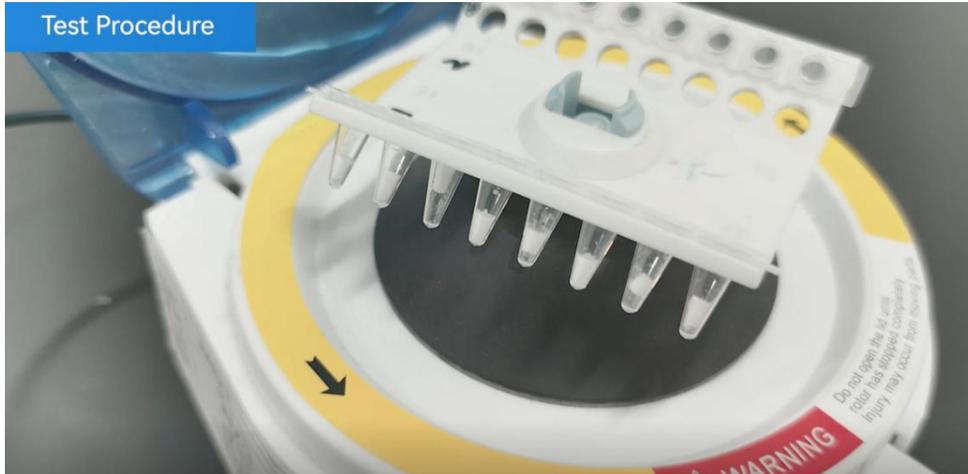
Shake **1 time**

2. Test Procedure (Sample and Positive control processing)



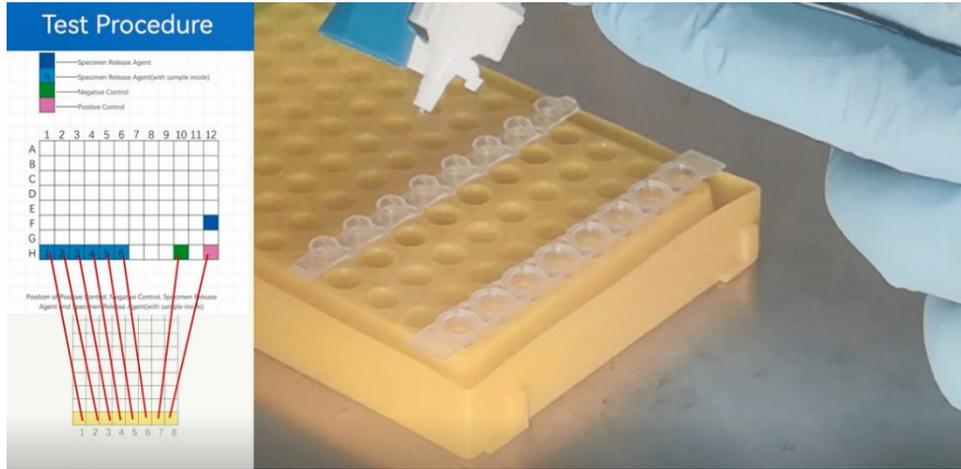
Positive control and all the samples should let stand for
2~5 minutes

2. Test Procedure (Amplification system preparation)

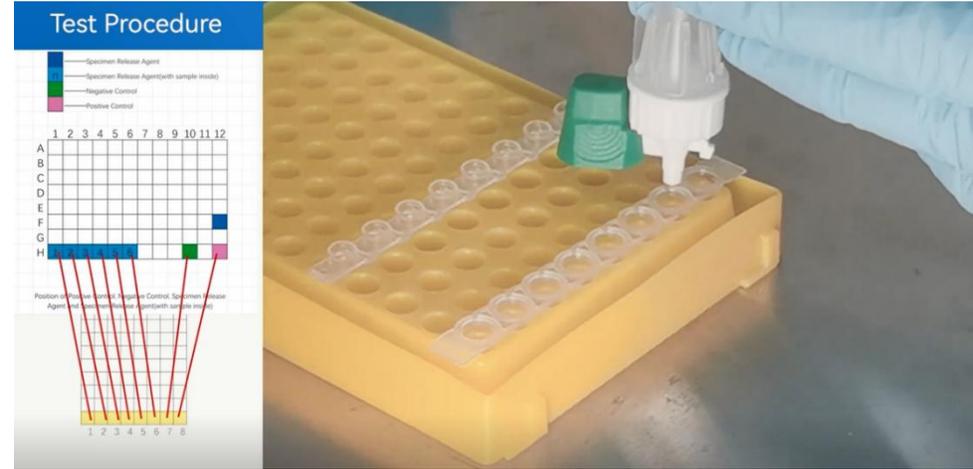


Take out a 8 tubes PCR strip
centrifuge for **3 seconds**

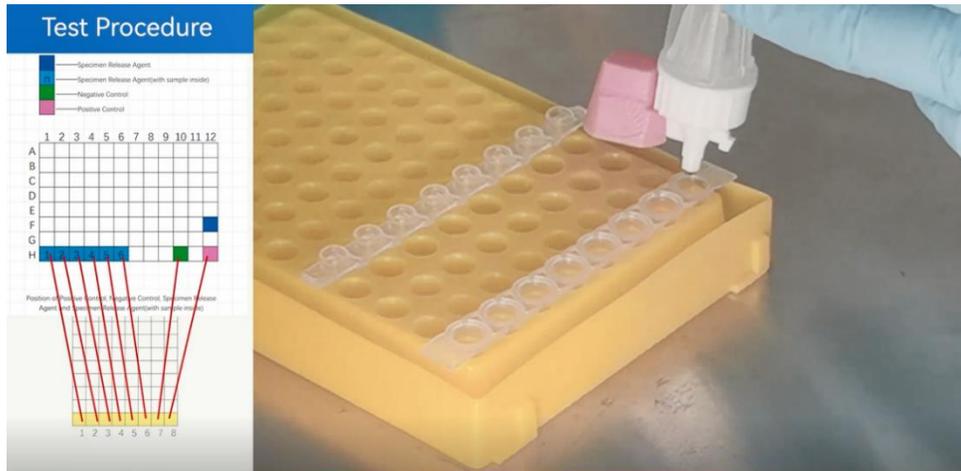
2. Test Procedure (Sample loading)



Open the lid, load **6 sample** into each tube by **1 drop**



Load **1 drop** negative control into **7th tube**



Load **1 drop** positive control into the **last tube**

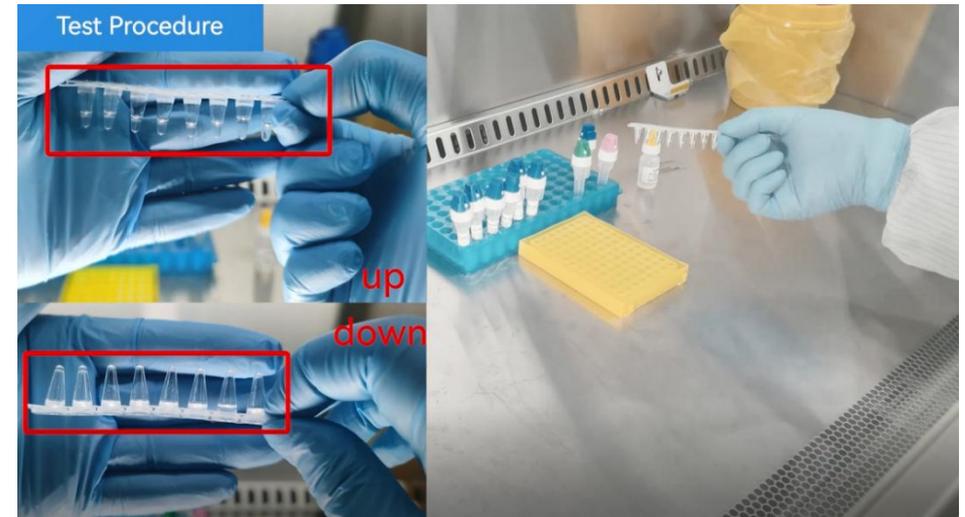


Add **1 drop** paraffin oil into each reaction tube

2. Test Procedure

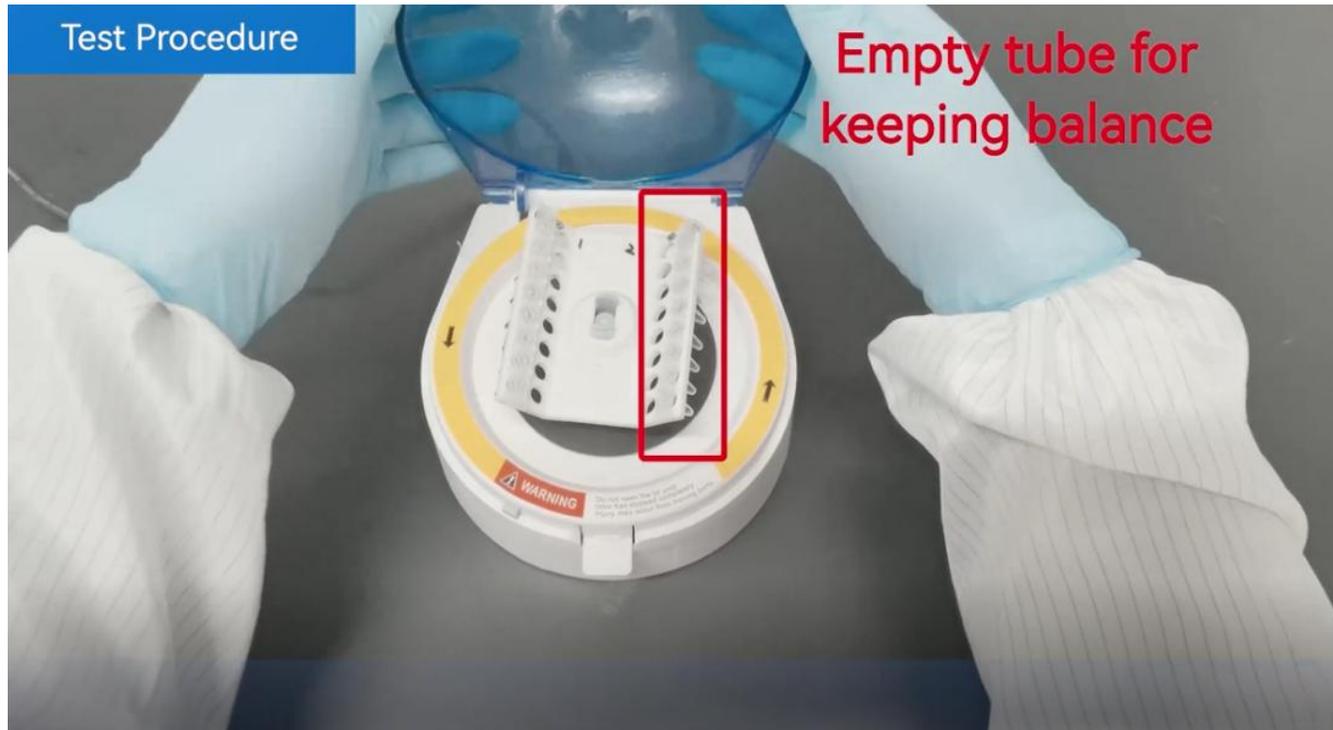


Cover the strip lid



Mix upside down the tube **5 times**

2. Test Procedure



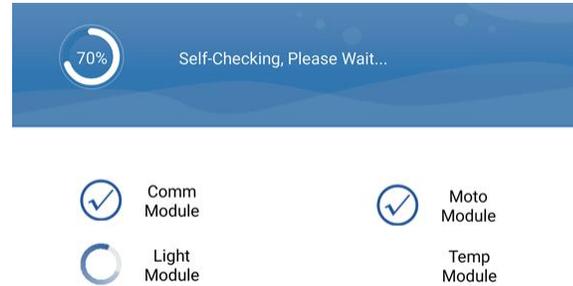
Centrifuge for
10 seconds

HC800 Operation Procedure Guide Map

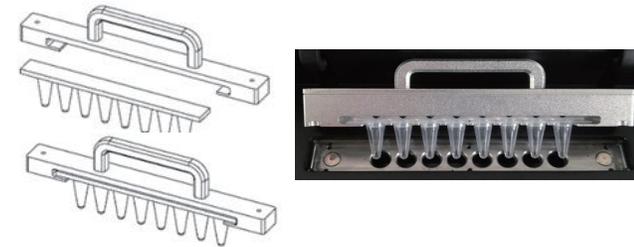
1. Turn on: connect the power supply, press the button to "-".



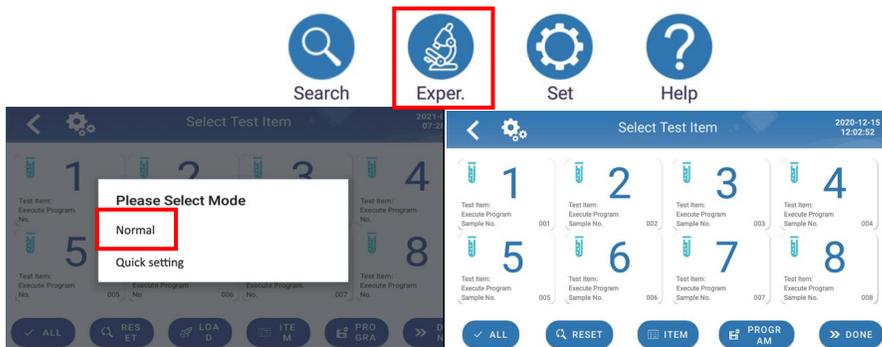
2. Initialization: wait for the instrument self-check to complete.



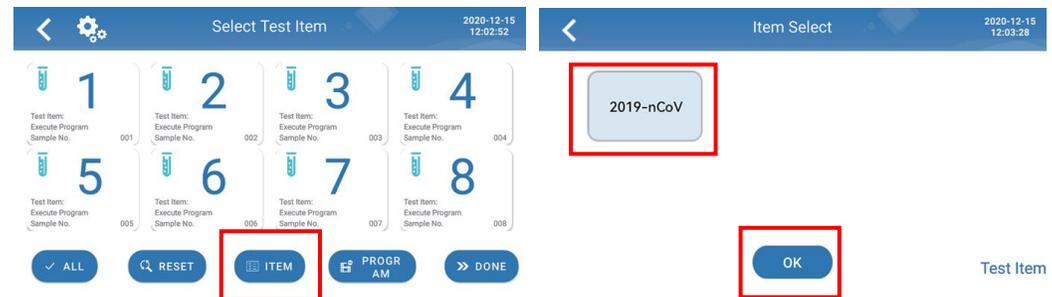
3. Sample loading: put the 8-strip tubes that have been sampled into the machine.



4. Sample well selecting: click "Exper.", select "Normal" and then click "ALL".

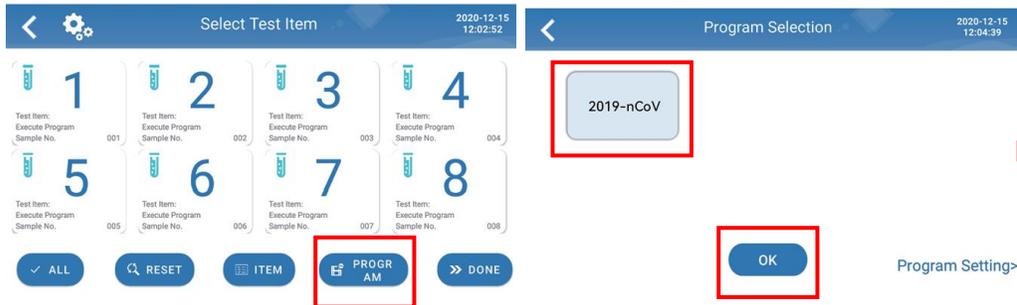


5. Item setting: click "ITEM", select "2019-nCoV" and click "OK".

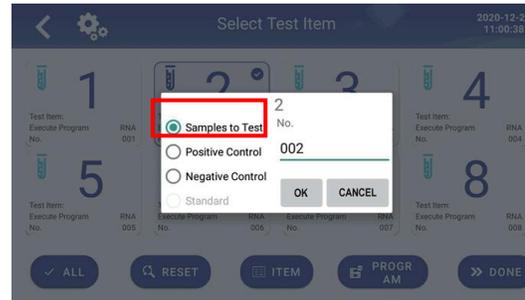


Standard operating procedure of HC800

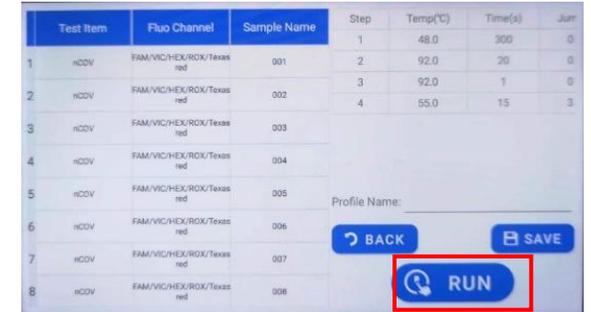
6. Program selecting: click "PROGRAM", choose "2019-nCoV" and click "OK".



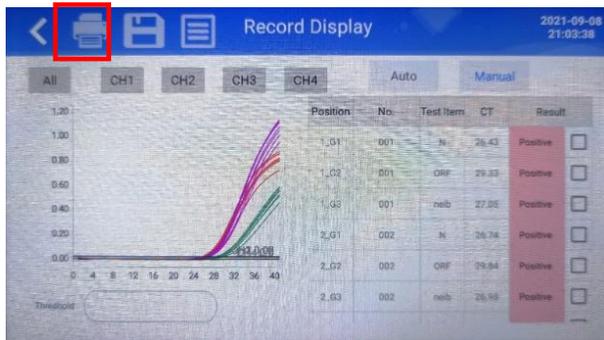
7. Sample type and sample name settings: click sample well, modify sample type and sample name.



8. Profile saving: click "DONE", modify "profile name", click "SAVE" and then click "RUN".



9. Select the data, then click the button as show



10. Clean up: after the program is finished, take out the 8-strip tubes and discard them to medical garbage bags.



11. Shut down: press the button to "O", the experiment ends.

