



COVID-19 PCR LABORATORY APPLICATION INSTRUCTIONS

To obtain accurate and reliable results, please consider the following instructions and apply them completely;

1. STORE COVID19 DIAGNOSTIC KITS BETWEEN -15 °C ~ -20 °C IN A DEEP FREEZER, KEEP THE KIT TUBES FROM DIRECT LIGHT.
2. KEEP VNAT SOLUTIONS AND SWAPS AT ROOM TEMPERATURE (~ +24 °C).
3. USE THE COVID19 DIAGNOSTIC KIT FULLY AFTER DEFROST AT ROOM TEMPERATURE, YOU MAY PIPETTE THE REST OF THE KIT INTO THE PCR STRIP TUBES, THEN CONTINUE TO KEEP THEM AT -20 °C.
4. DO NOT DEFROST AND USE COVID19 DIAGNOSTIC KITS MORE THAN 2 TIMES. OTHERWISE ENZYME ACTIVATION WILL DECREASE OR LOSS.
5. NEVER PREPARE 8 QPCR STRIPS OR 96 QPCR PLATES UNDER A DIRECT LIGHT, THE TAQMAN PROBES WILL BE WARNED DURING THEIR EXPOSURE TO DIRECT LIGHT AND THE FLUORESCENT SIGNAL LEVEL REQUIRED FOR OPERATION WILL BE REDUCED, ALSO ALL PIPETTING MUST BE DONE IN A CLASS II BIOSAFETY CABINET.
6. IF YOU PUT YOUR SAMPLE SWAP INTO THE VNATE SOLUTION THEN YOU MUST STORE THEM IN A REFRIGERATOR (+2 C ~ +4 °C) UNTILL YOU COMPLATE YOUR RUN, USE THEM IN COVID19 EXPERIMENTS WITHIN 48 HOURS.
7. PREPARE YOUR PCR TUBES AND SPIN DOWN THE SOLUTION INSIDE IF IT NEEDS.
8. INSTALL THE SAMPLES INTO LONGGENE BRAND REAL TIME PCR, OPEN THE OPTIMAL SOFTWARE AND RUN THE PROTOCOL.