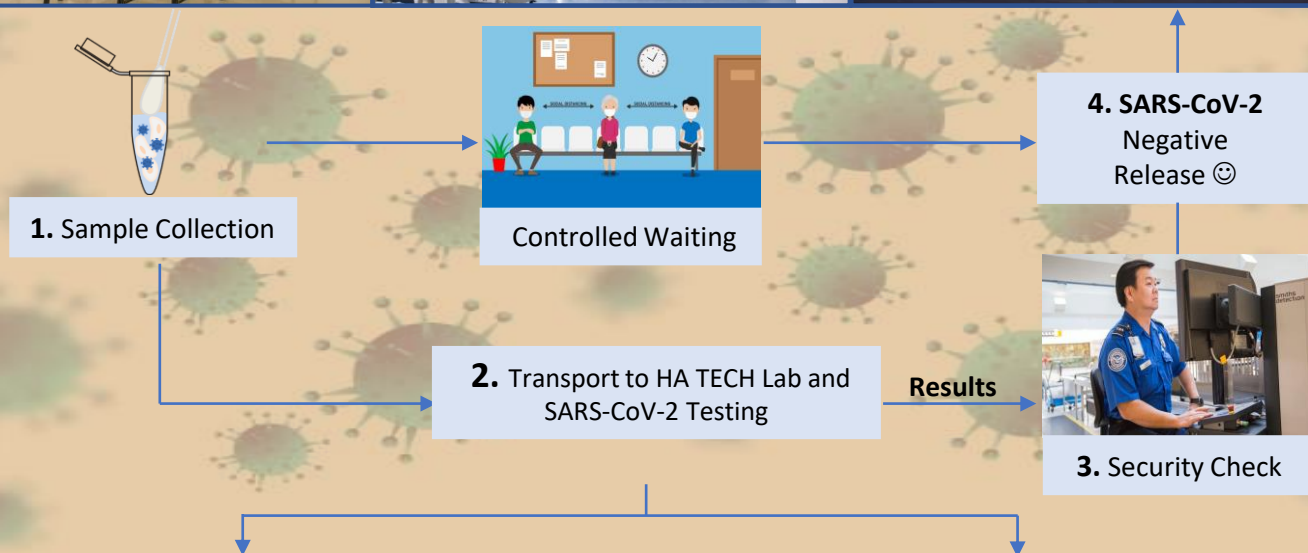
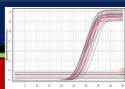


HA TECH RT-PCR (NAT-04) 32 minutes test for Airport/ Hospital/ School/ Aircraft Surface Cleaning



HA TECH RT-PCR NAT-01 Kit



- **Accuracy:** **100%** accurate (Gold Standard Test).
- **Time taken for 350 samples:** **45 Minutes*** for PCR results with 384 well capacity RT-PCR platform.
- **Human Resources Required:** **1** Lab Analyst.
- **COVID Variants:** detects all variants (*UK, South Arica, Brazil, and California*).
- **Reliable Detection:** asymptomatic cases can be detected (possibly days **1-2** of infection), even 6 days before any symptom appears, LoD (limit of detection): 0.8 copies/ μ L.
- **Equipment & Others :** Any RT-PCR platform with 4 Thermo Cyclers, RNA Extraction equipment, Lab consumables & On-site Facility for processing Infectious Virus/ samples.

*** RNA extraction & sample preparation can be processed concurrently while PCR is running.**

Rapid Antigen Test Kit



- **Accuracy:** **30-70 %** accurate.
- **Time taken for 350 samples:** **~ 6 hours****
- **Human Resources Required:** **8** Lab analysts for results in **45 minutes**.
- **COVID Variants:** coverage for all variants is **questionable** as the most commonly used targets are the spike protein (*which has mutated in a number of variants*) and the nucleocapsid protein.
- **Reliable Detection:** detection is reliable for the first **5-7** days after symptom onset (could be **6-13** days after infection). Asymptomatic (early infection) detection success rate is **~30%**. Risk of **False Negative**.
- **Equipment & Others:** 350 individual Strips, Lab consumables & On-site Facility for processing Infectious Virus/ samples.

**** 350 minutes for analyzing 350 test Strips individually by 1 Lab Analyst (minimum 1 minute per test)**

HA TECH RT-PCR Kit can process **350 PCR tests in 45 minutes with 1 Lab Analyst**, 8 times faster than Rapid Antigen Test with better Accuracy and Reliability