










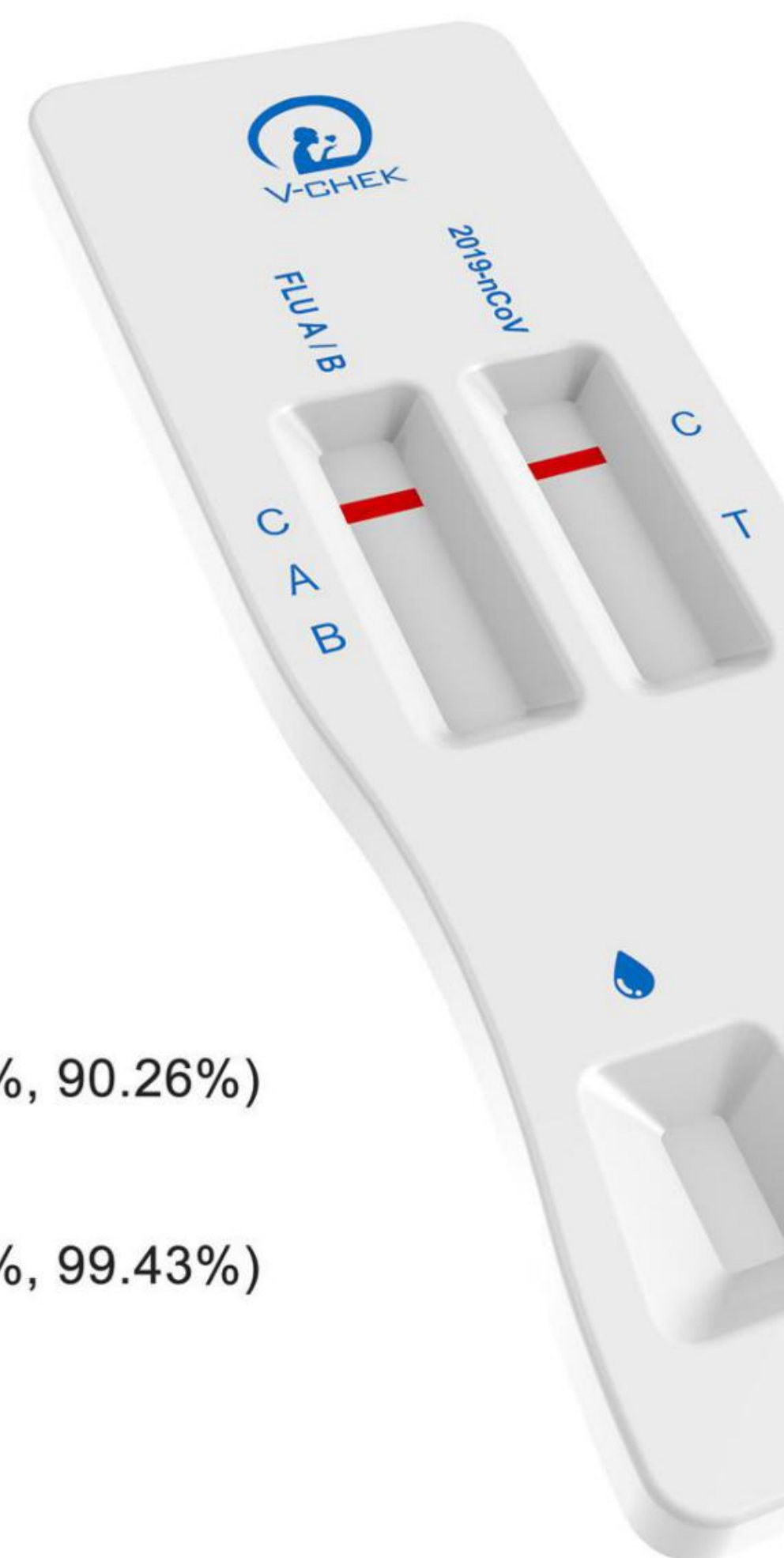


V-CHEK™ 2019-nCoV Ag & FLU A/B Combo Rapid Test

V-CHEK™ 2019-nCoV Ag & FLU A/B Combo Rapid Test is an in vitro immunochromatographic assay for the qualitative detection of 2019-nCoV antigen and influenza A / B antigens in nasal swab specimens collected from patients with signs and symptoms of respiratory infection.

-  Rapid: results within 15 mins
-  Detection and differentiation of 2019-nCoV, flu which all present with similar symptoms.
-  Insights for effective triage and patient management.
-  Risk assessment for patients and staff while resuming traditional healthcare procedures.
-  Identify potential cases of co-infections during respiratory season.
-  Current flu and 2019-nCoV therapies need definitive diagnosis for each pathogen.
-  Actionable on-demand results with 1 sample collection.
-  Empower patients with rapid results to help keep their loved ones and the community safe.
-  Assist hospitals to effectively manage limited resources.
-  Provide labs with single-test confidence to accelerate workflows.
-  Support clinicians with on-demand, timely, and accurate results.



Test Kit Performance Analysis

A. Influenza A

	Flu A Positive	Flu A Negative	Total
Detected Positive	123	5	128
Detected Negative	21	373	394
Total	144	378	522

Sensitivity:
85.42%, 95% CI (78.73%, 90.26%)

Specificity:
98.68%, 95% CI (96.94%, 99.43%)

B. Influenza B

	Flu B Positive	Flu B Negative	Total
Detected Positive	99	2	101
Detected Negative	17	376	393
Total	116	378	494

Sensitivity:
85.34%, 95% CI (77.78%, 90.64%)

Specificity:
99.47%, 95% CI (98.09%, 99.85%)

C. 2019-nCoV Ag

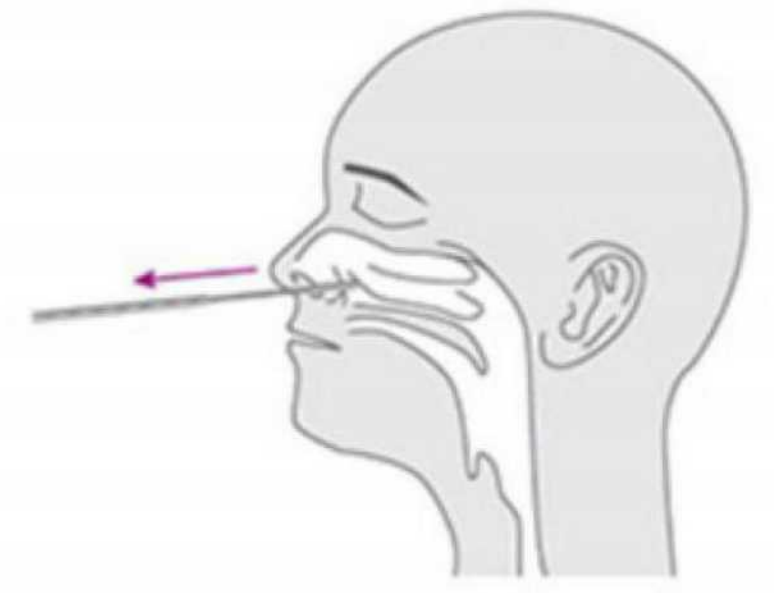
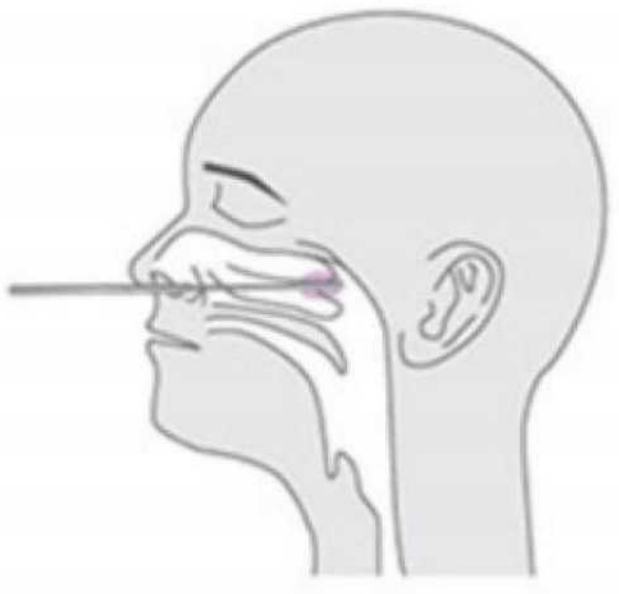
	2019-nCoV Positive	2019-nCoV Negative	Total
Detected Positive	113	1	114
Detected Negative	3	239	242
Total	116	240	356

Sensitivity:
97.41%, 95% CI (92.67, 99.12)

Specificity:
99.58%, 95% CI (97.68, 99.93)

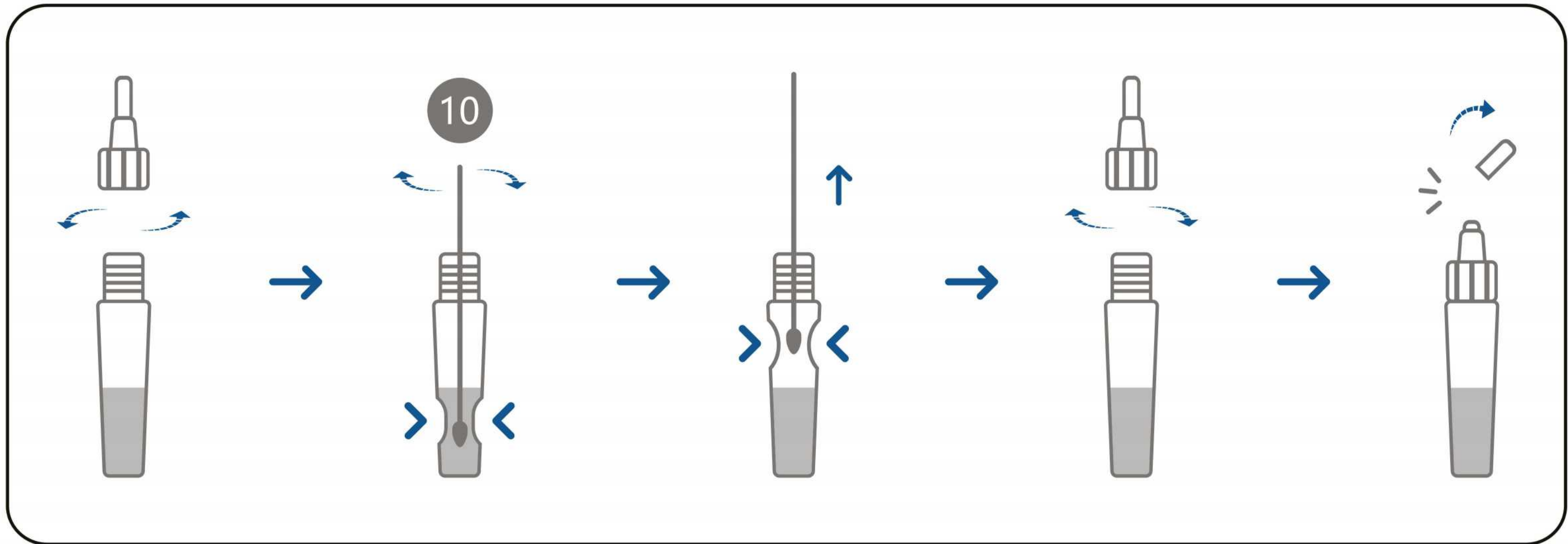
Sampling

- 1 insert a sterile swab into the nostril of the patient, reaching the surface of the posterior nasopharynx.
- 2 Swab over the surface of the posterior nasopharynx.
- 3 Withdraw the sterile swab from the nasal cavity.



P.S: Correct sampling is quite important, otherwise the sampling sample might not have enough virus loading which might lead to false negative results.

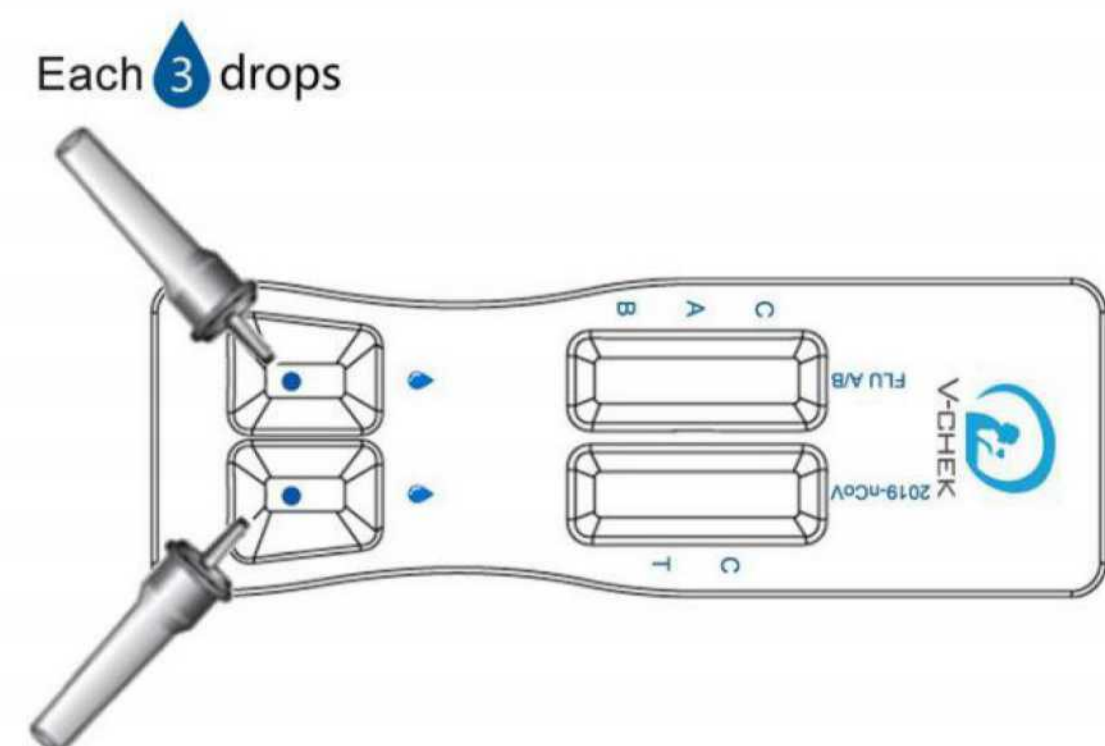
Samples Preparation



- 1 Open the drip cap of the buffer tube.
- 2 Immerse the swab tip with the sample first into the buffer tube and rotate the swab tip 10 times in the buffer liquid while applying pressure with your fingers.
- 3 Remove the swab while squeezing the sides of the tube to extract the liquid with the sample from the swab.
- 4 Screw the drip cap tightly onto the buffer tube.
- 5 Break off the tip of the drip cap.

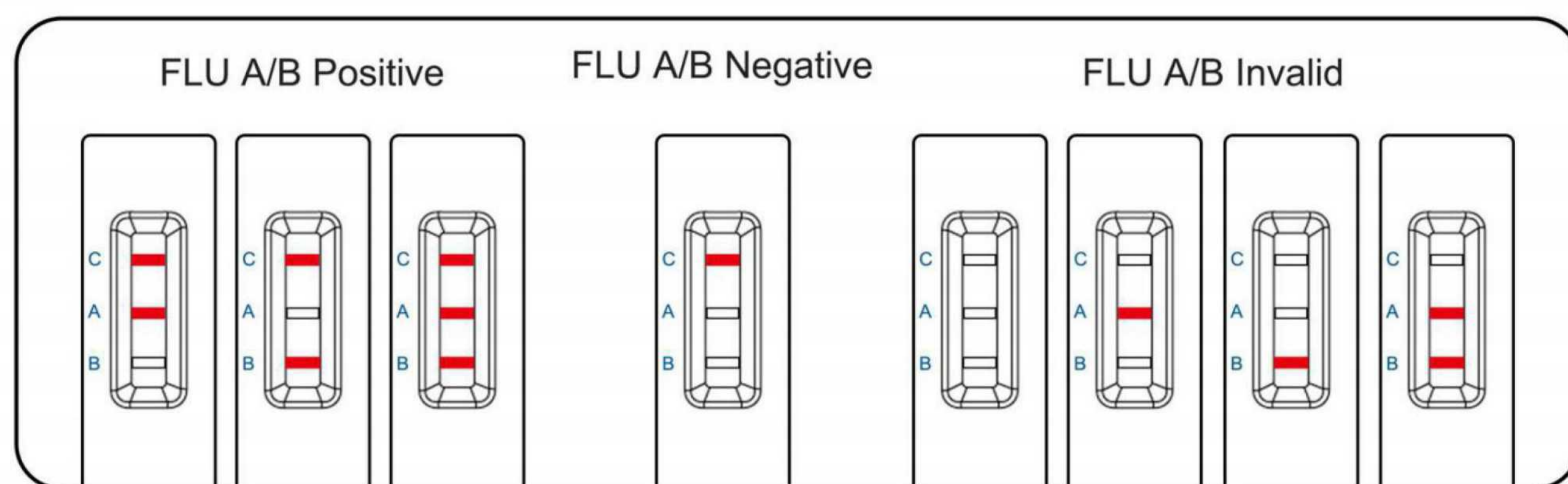
Testing

Apply 3 drops of extracted specimen to the each specimen well of the test device.

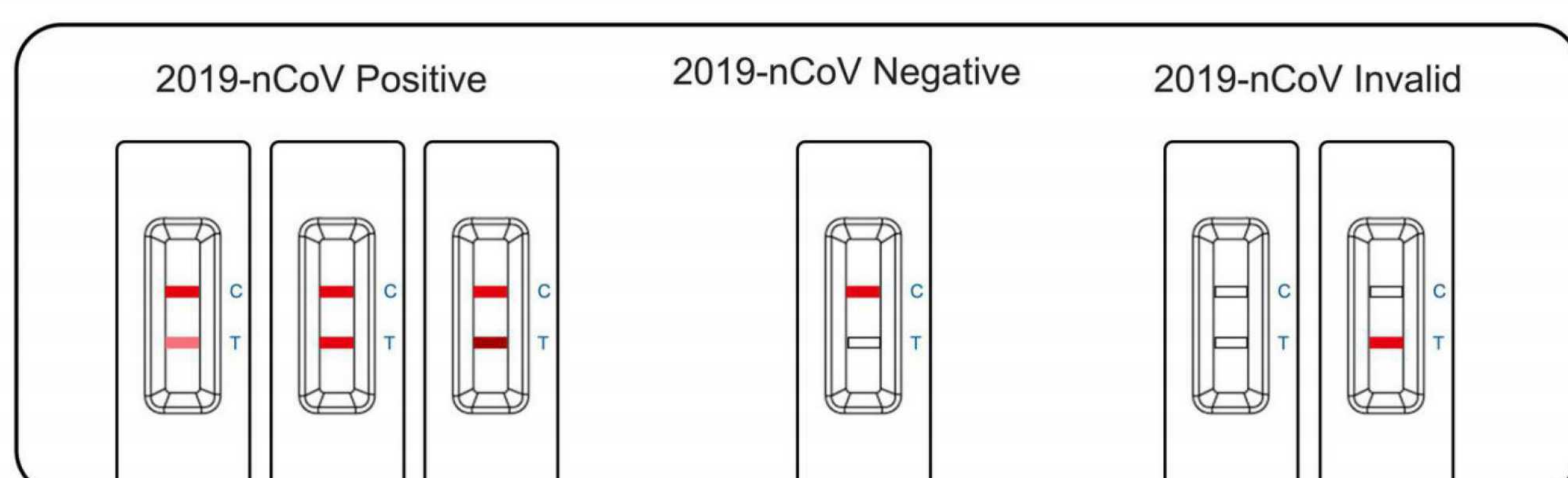


Result Interpretation

Read the result after 15mins, don't read the result after 20mins, the result is invalid after 20mins, repeat the test again.



Flu A/B antigen test



2019-nCoV antigen test



DoChek
德成生物

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