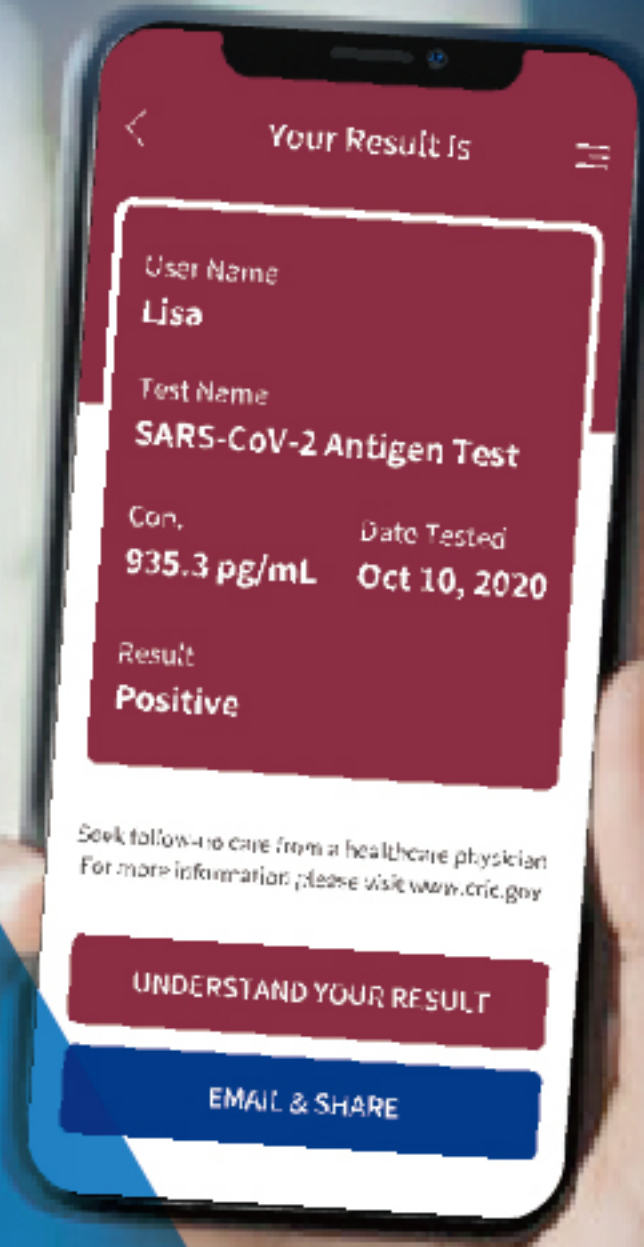


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BOH-180
 Analysis System



BOH-180 Analysis System Feature

The BOH-180 analyzer is a portable, easy-to-use instrument that can be applicable to a wide range of scenarios and streamlines poc testing process.

Card slot

Screen

Wifi Connection

USB port x2

Connect to network /LIS system

Power connection

ON/OFF



- Simple operation with test throughput up to 180 tests/hour.
- Fast, automated and traceable results within 15 minutes.
- Results can be reported and stored in multiple ways to meet customized data management needs.

Performance Parameters

Power Supply input: 100~240V	Power Supply input: 100~240V
Input Voltage: ~ 12V	Input Power: 5VA

Instrument/Indicator	LoD	Linearity	Repeatability	Stability
BOH-180	1µg/ml	0.9976	0.04%	0.03%

SARS-CoV-2 ANTIGEN RAPID TEST KIT

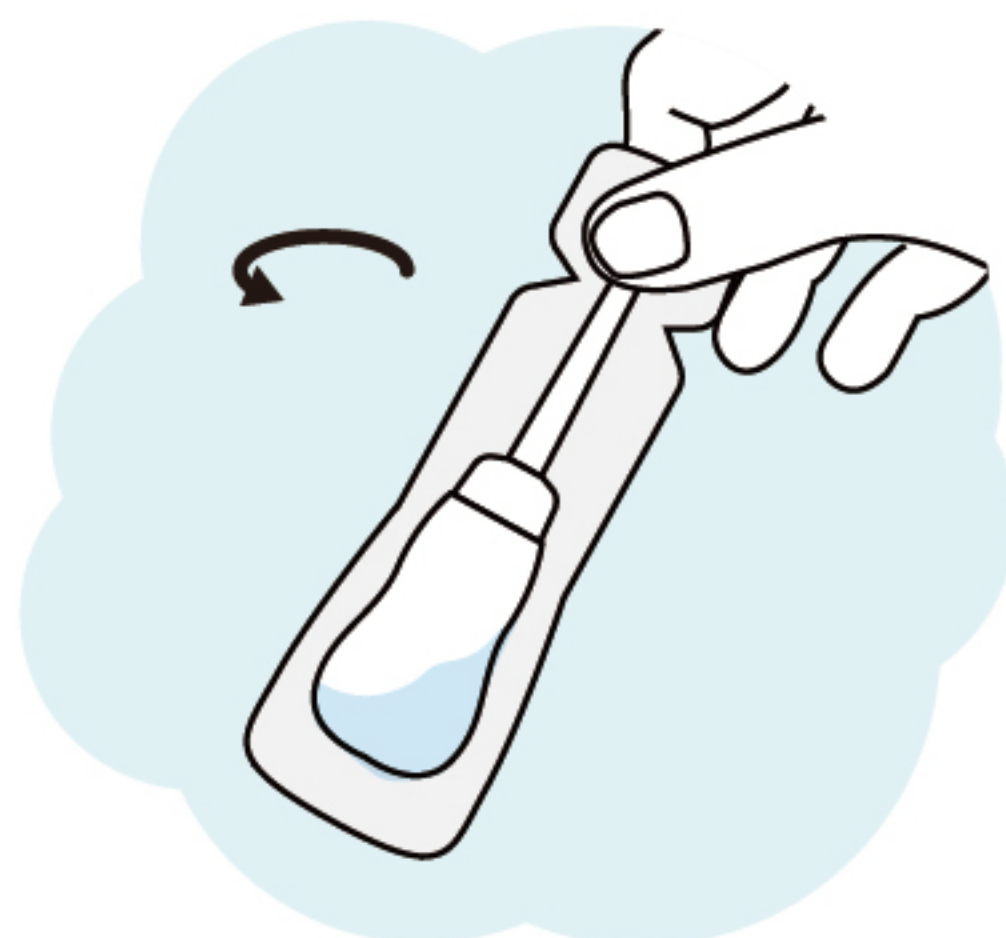
1. Anterior Nasal Swab Samples

- Detection performance
 - Semi-quantitative detection for SARS-CoV-2 Antigen
 - Limit of Detection : 12.69 TCID₅₀/mL
 - Clinical performance

Sensitivity	Specificity
97.12%	99.60%

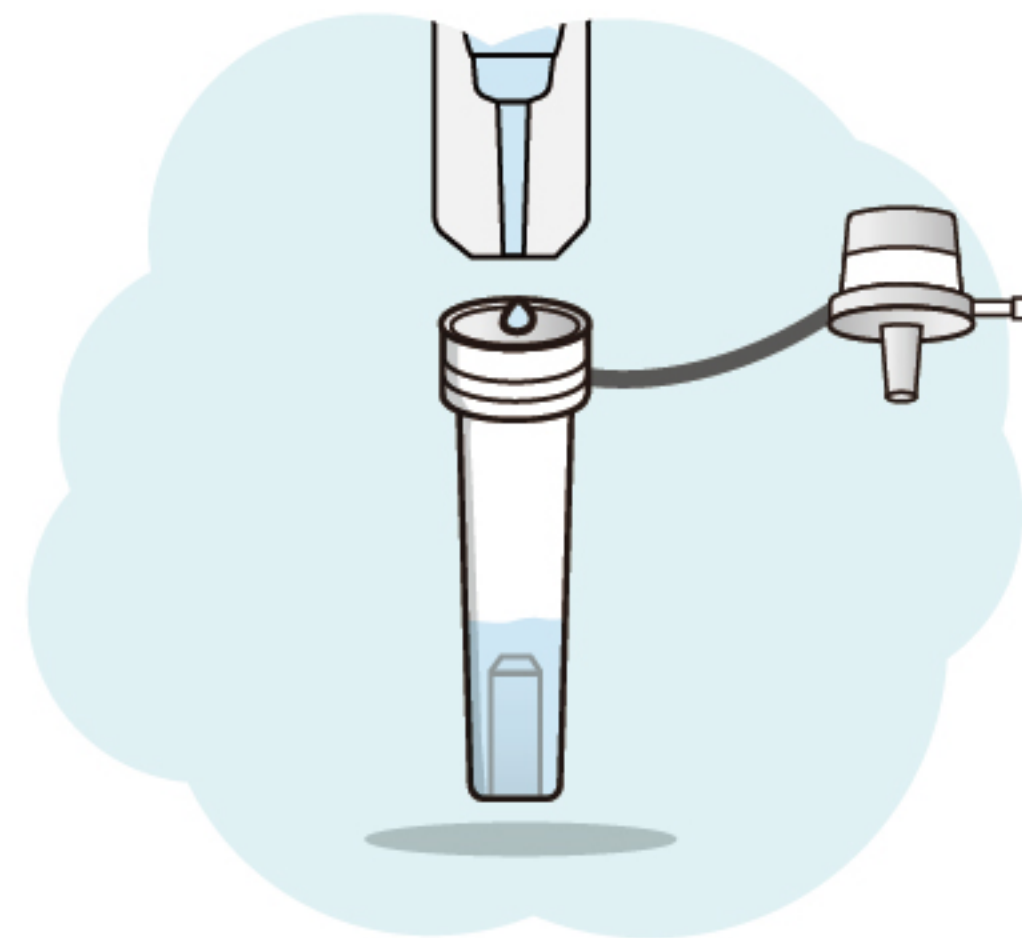
- Test procedure for swab samples

Step 1



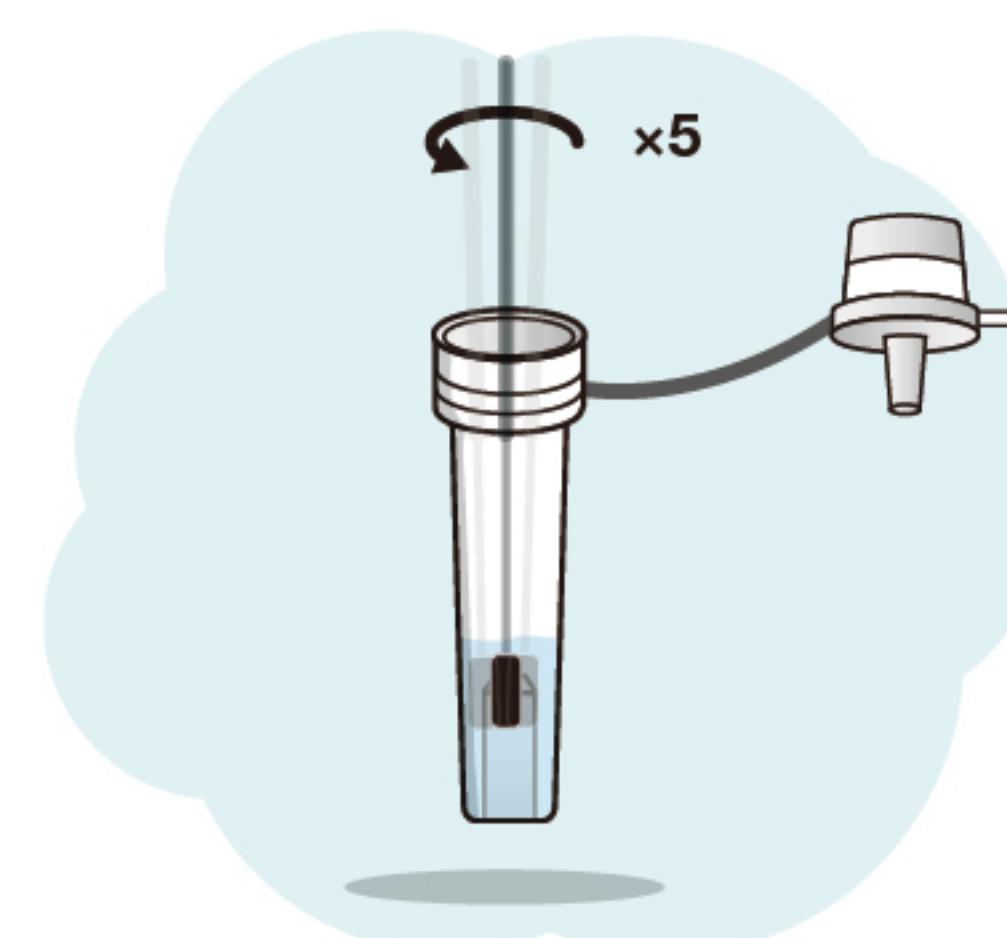
Break the tip of the single use vial

Step 2



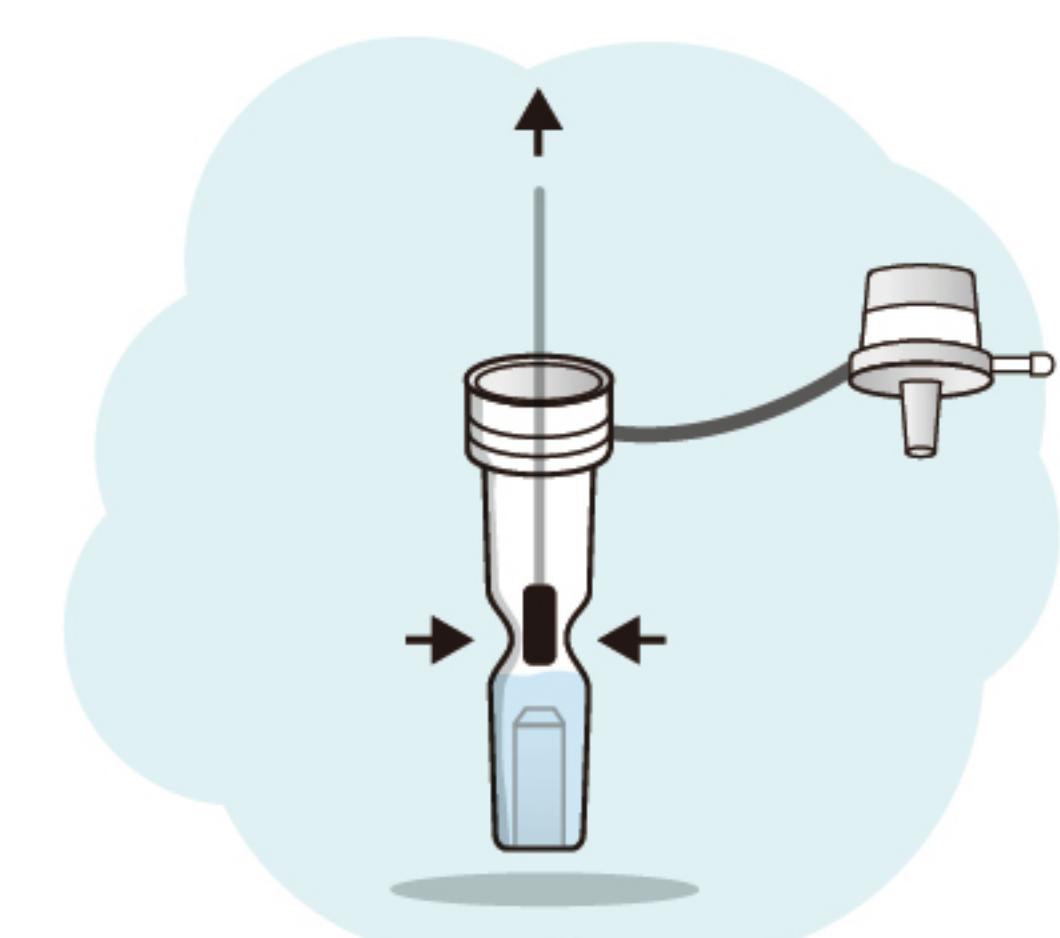
Pour all buffer into the extraction tube

Step 3



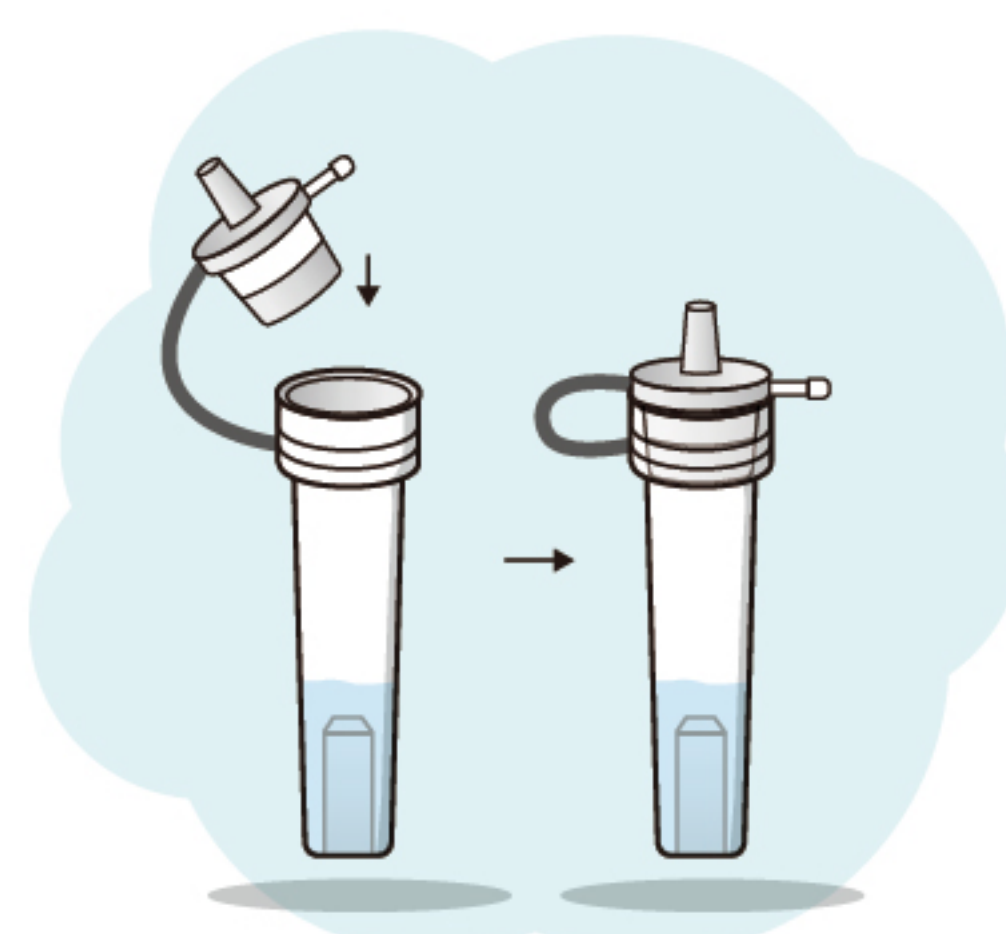
Insert the swab and rotate 5 times

Step 4



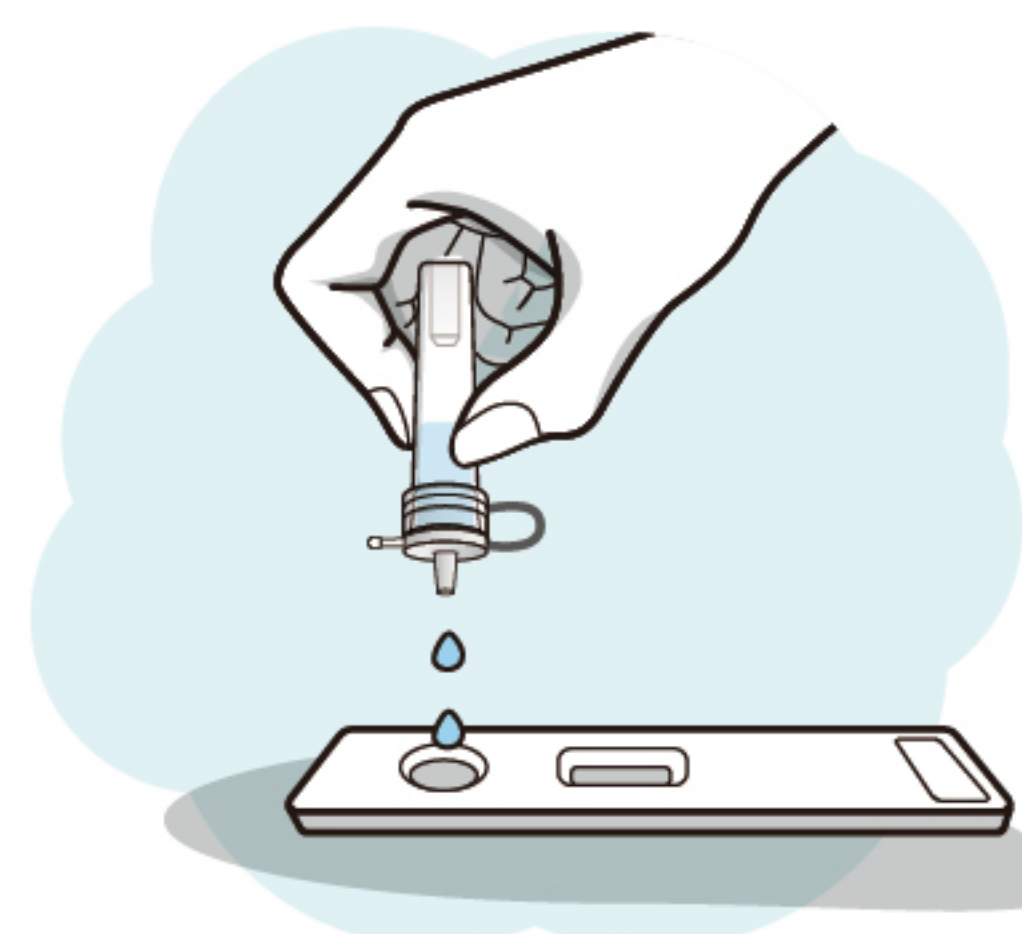
Squeeze the tube while removing the swab

Step 5



Cover the extraction tube with the cap

Step 6



Add 4 drops to the sample well



• Review Results



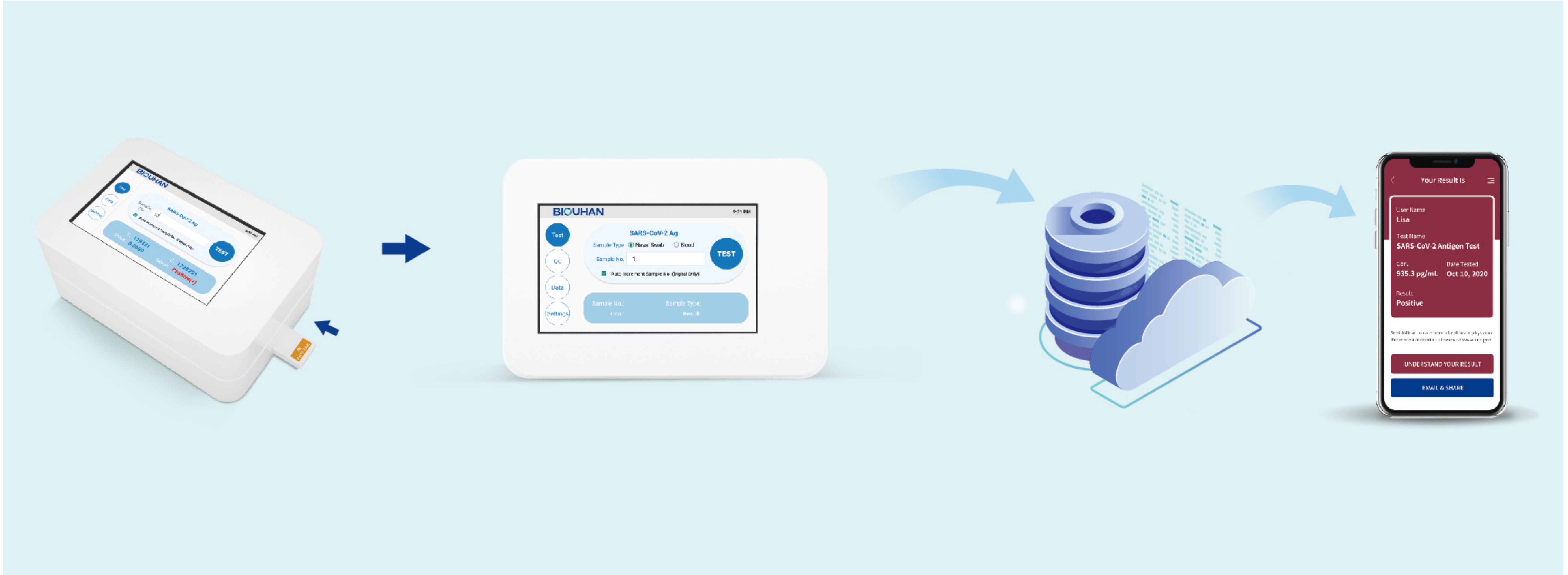
After 15 minutes, insert the test cassette into the cassette slot of BOH-180. Press test.



The results will be generated and displayed on the screen in 18 seconds.



After completion of the test, BIO-180 will upload the test results to the database via the APP. Results can be viewed on mobile.



2. Blood Samples

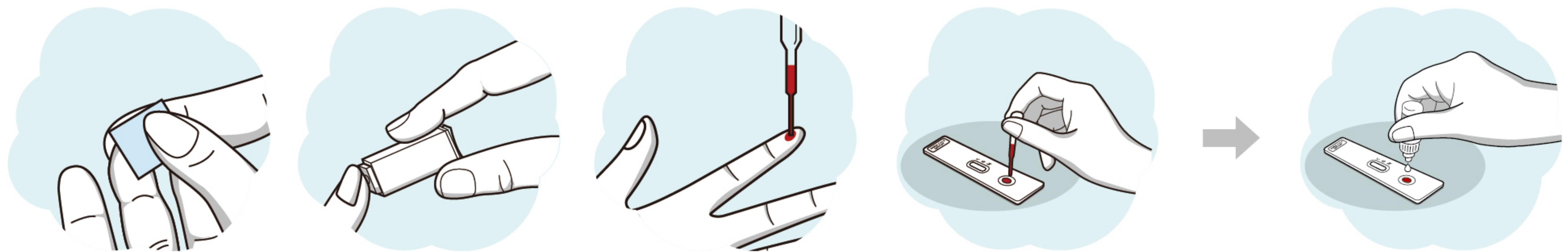
• Detection performance

- Avoid being limited by differences in the sampling process
- Limit of Detection : 8.92 pg/mL
- Clinical performance

Sensitivity	Specificity
96.63%	99.72%

• Test procedure for blood samples

- Draw 1 drop (20uL) using the dropper for fingertip blood sample to the sample well of test cassette.
- Apply 2 drops of extraction buffer to the sample well



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