

# 1POT™ Personal User Guide

IVD CE



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# 01. Introduction

Thank you for purchasing 1POT™ Personal . This User Guide will help you through the proper setup and use of 1POT™ Personal . Prior to using 1POT™ Personal , read this guide carefully to understand all of its features.

- This User Guide describes based on the device's default settings.
- Information in this User Guide may vary depending on the software versions or specifications of the product. Appearances and specifications are subject to change without prior notice.
- Prior to connecting this product to a mobile smart device, check to determine if your mobile smart device is compatible with this product.
- Visit the 1drop website ([www.1drop.co.kr](http://www.1drop.co.kr)) to access latest information of the product.

If you have any questions, contact 1drop Customer Support at [cs@1drop.co.kr](mailto:cs@1drop.co.kr).

## Safety Definitions

This User Guide presents critical information in 3 different types of messages: Warning, Caution, and Note. Please pay close attention to these messages to ensure the proper and safe use of 1POT™ Personal



### Warning

“Warning” informs you what you will need to do to prevent possible risk of injury or damage to health. Follow the instructions in a Warning message. Do not continue to run a test if you do not fully understand the necessary actions to take after seeing the message.



### Caution

“Caution” informs you what you will need to do to prevent damage to 1POT™ Personal . Do not continue to run a test if you do not fully understand the necessary actions to take after seeing the message.



### Note

“Note” provides additional information to further clarify the instructions.

## Symbols and Definitions

The table below defines the symbols used in 1POT™ Personal packaging and components.

Symbol	Definition
	Refer to User Guide
	Serial Number
	Expiry Date
	Storage Temperature Range
	Catalog Number
	Manufacturer
	Caution
	Storage Humidity Range
	Biological Risk
	Do not discard this product with other house-hold type waste (WEEE)
	USB Port

## Intended Use

1POT™ Personal device, used with 1copy™ COVID-19 MDx Kit, is an *in-vitro* diagnostic system intended for the qualitative detection of nucleic acids via loop-mediated isothermal amplification (LAMP) from SARS-CoV-2 in nasopharyngeal specimens collected from individuals suspected of COVID-19.

## General Precautions

- This product is intended for *in-vitro* diagnostic use only.
- This product is intended for professional use.
- This product is intended only for the detection of nucleic acids from SARS-CoV-2.
- This product must be used with 1copy™ COVID-19 MDx Kit and 1POT App.
- Wear appropriate protective clothing, safety glasses and disposable gloves to protect yourself from samples and reagents.
- Keep out of reach of children and pets before and after use. Even if the test results of this product are 'positive', it should be interpreted by an experienced specialist using additional information such as patients' symptoms.

- Even if the test results of this product are 'negative', it should be interpreted by an experienced specialist using additional information such as patients' symptoms, without excluding infection.

## Precautions for 1POT™ Personal Device

- Do not use if the external packaging or parts of the 1POT™ Personal device are damaged.
- Do not arbitrarily disassemble or remodel this device.
- When you run a test, the inside of the device will heat up to around 60°C. Do not put your hands near the tube slot for the risk of burn injuries.
- Store between 1 and 40°C and avoid direct sunlight.
- This product has an internal battery. Do not throw into fire.
- This product is not waterproof. Do not apply water or touch with wet hands.
- Do not let liquid or other foreign substances enter the tube slot.
- Do not expose or store this product in places with high temperature, high humidity or areas with rain and dust.
- Do not use in outdoor places. Indoor use only.

- The 1POT™ Personal device must be placed on a flat, stable surface when running a test. Do not move, tilt or open the cover of the device during a test.
- Do not place the device where it is difficult to operate the plug of the charging adapter.
- If a cyber threat is detected, turn off your smartphone and contact us at the following email address: [appdev@1drop.co.kr](mailto:appdev@1drop.co.kr).

## Precautions for 1copy™ COVID-19 MDx Kit

- Do not use products past expiry dates.
- This product is for single use only. Do not use already opened products or those with damaged packaging.
- Use immediately after opening.
- Store at room temperature between 1 and 30°C, and avoid direct sunlight.
- Use the provided swab and follow the provided instructions to collect sample; sample must be tested immediately upon collection. If you use different sample collection tools or methods not provided in this product, you may get an incorrect or invalid result.
- Do not touch the head of the swab with your hand or submerge in

another liquid prior to collecting sample.

- Do not let the solution in the sample tube come into contact with your eyes or your skin. In case of contact with eyes or skin, rinse immediately with plenty of water. If pain continues, seek medical advice.
- Wear disposable gloves when using this product. After use, wash your hands thoroughly with hand sanitizers or disinfectants.
- Seal and dispose of all the used components in the provided pouch after you finish a test.

## 02. Contents

1POT™ Personal device is used together with 1copy™ COVID-19 MDx Kit to test samples. 1POT™ Personal device can be operated by connecting to 1POT App available for download on Apple iOS and Google Android mobile smart devices. 1POT™ Personal device has an internal, rechargeable battery which can be charged using the provided charging cable.

## 1POT™ Personal Package Contents

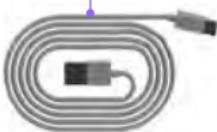
Check to make sure the package contains all of the following contents.

- 1POT™ Personal Device
- Charging Cable
- User Guide

1POT™ Personal Device



Charging Cable



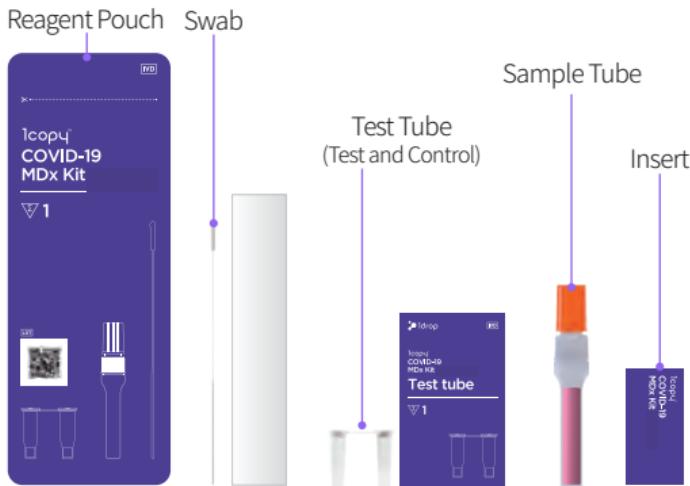
User Guide

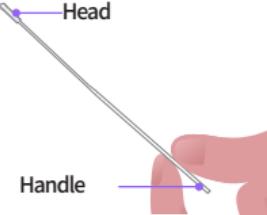


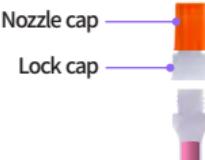
Components	Description
1POT™ Personal Device	1POT™ Personal device is used together with 1copy™ COVID-19 MDx Kit to test samples.
Charging Cable	Charging cable is used together with a power adapter (Purchase separately) to charge the 1POT™ Personal device.

## 1copy™ COVID-19 MDx Kit (Sold separately)

1copy™ COVID-19 MDx Kit is used with 1POT™ Personal device to test samples. 1copy™ COVID-19 MDx Kit is sold separately and cannot be reused. All products must be used by their expiry dates. The following table describes all the components of 1copy™ COVID-19 MDx Kit .



Component	Description	Image
Reagent pouch	<p>Reagent pouch contains all the components and has information such as lot and expiry date printed on. It can later be used as a disposable bag, which is equipped with a zipper that seals all the used components for disposal.</p>	 <p>Front</p> <p>Back</p> <p>Zipper</p> <p>Lot information (QR Code)</p> <p>Expiry date</p>
Swab	<p>Swab is used to collect nasopharyngeal samples.</p>	 <p>Head</p> <p>Handle</p>

Component	Description	Image
Sample tube	<p>Sample tube contains solution, which is used in diluting the sample collected by a swab, prior to transfer to test tube.</p> <p>Open the lock cap and submerge swab with collected sample.</p> <p>Open the nozzle cap to transfer the diluted solution to test tube.</p>	
Test tube (Test and Control)	<p>There is a freeze-dried reagent in the test tube, after applying diluted samples, insert test tube into the tube slot of the 1POT™ Personal device and start to test, the color of the reagent changes depending on the result.</p> <p><b>Test part:</b> Cap is in the shape of a circle and is used to test sample.</p> <p><b>Control part:</b> Cap is in the shape of a square and is used to confirm sample collection and validity of results.</p>	

## **Compatible Mobile Smart Devices (Purchase separately)**

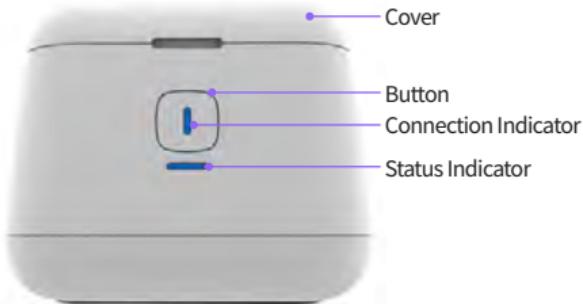
1POT™ Personal device is connected to a mobile smart device via Bluetooth®. 1POT™ Personal is compatible with iPhone 8 and later which support iOS13 and later. It is also compatible with mobile smart devices which support Android Nougat, 7.0 and later and BLE 4.2 and later.

## **1POT App**

1POT App must be installed to test samples with the 1POT™ Personal device. 1POT App is available for download from the Apple App Store or Google Play Store.

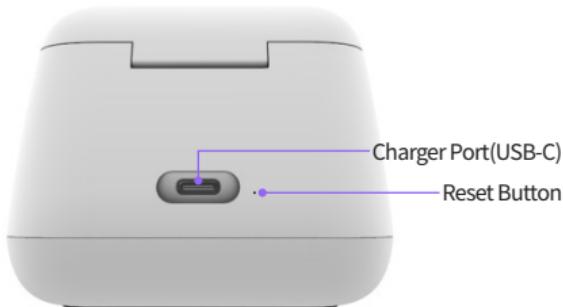
## 03. Parts and Functions

### Front



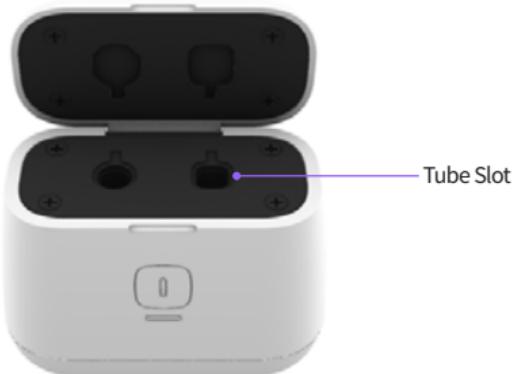
Part	Function
Cover	You will see a tube slot for test tube when you open the cover. You must close the cover when you run a test.
Button	Turn device on/off. Press and hold the button for 3 seconds to stop a test or exit error status.
Connection Indicator	It indicates power and connection status with a mobile smart device.
Status Indicator	It indicates the device status, test status and error status.

## Back



Part	Function
Charger Port (USB-C)	Connect a charging cable to charge device.
Reset Button	Use a thin object with a blunt tip (e.g. paper clip) to press the reset button for more than 1 second when the device is not working properly.

## Top (Opened cover)



Part	Function
Tube Slot	Insert test tube to run a test. If not inserted correctly, the cover will not close.

## Connection Indicator and Status Indicator

Connection indicator and status indicator are located on the front of the 1POT™ Personal device. Connection indicator shows the status of Bluetooth® connection between 1POT™ Personal device and mobile smart device. Status indicator shows the status of the test process and error status.

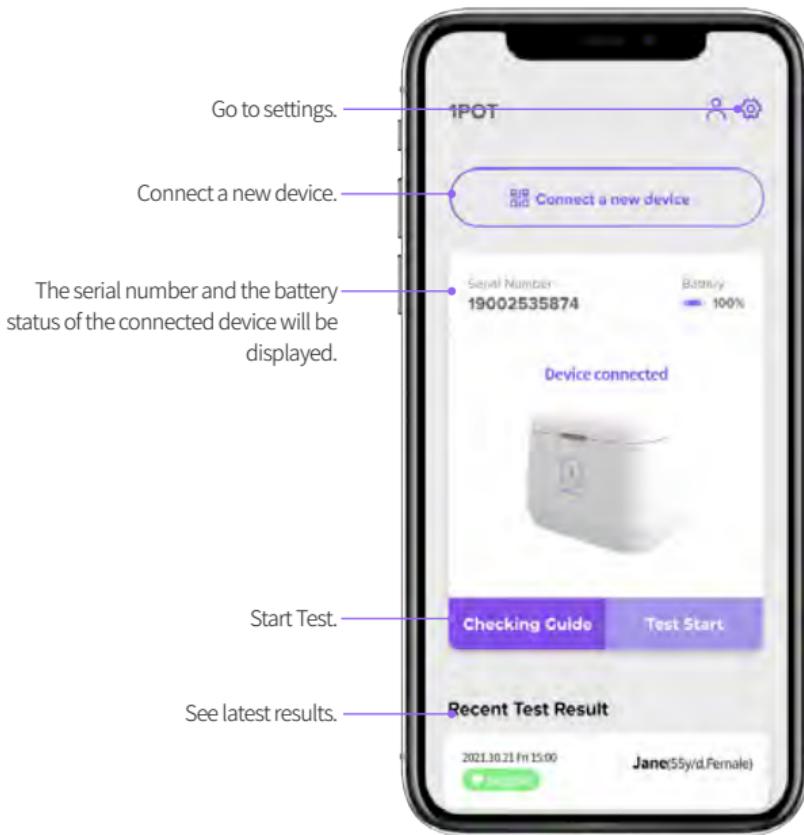
### Connection Indicator

Color	Status	Description	Image
Off	Off	Power is turned off.	
Green	On	Power is turned on but is not connected to a mobile smart device.	
Blue	On	Power is turned on and is connected to a mobile smart device via Bluetooth®.	

## Status indicator

Color	Status	Description	Image
Off	Off	Standby	
Red	Flashing	Error has occurred. You can check for the cause of the errors on the 1POT App. Press and hold the button for 3 seconds to exit error status.	
Green	On	Device is connected to a charging cable and is fully charged.	
Green	Flashing	Device is connected to a charging cable and is charging.	
Blue	On	Preheating process is on going in the device.	
Blue	Flashing	Device has completed preheating and is maintaining temperature.	

## 1POT App Dashboard



# 04. Setup

## Charging 1POT™ Personal Device

1. Plug the power adapter (Purchase separately) into a power outlet.

 **Note****Recommended Power Adaptor Specifications**

- 100-240 V~, 50/60 Hz, minimum 1.5 A output
- IEC 60950-1 or IEC 62368-1 Certified

2. Connect the charging cable to the USB port of the power adapter.
3. Connect the charging cable to the charger port of the 1POT™ Personal device. Once it begins charging, the status indicator of the 1POT™ device will start flashing a green light. If the indicator does not flash and stays as green, your device is fully charged.



 Note

You can run a test on 1POT™ Personal device while charging.

## Installing the 1POT App



You can install the 1POT App on your mobile smart device from the Apple App Store or Google Play Store. 1POT App is installed the same way as other mobile applications. 1POT App is free of charge.



[Download Link](#)

 **Note**

Internet connection is required to install the 1POT App from the Apple App Store or Google Play Store.

1. Turn on your mobile smart device.
2. Make sure your mobile smart device is connected to the internet.
3. Go to the Apple App Store or Google Play Store.
4. Type “1POT” and search for 1POT Professional. Then, tap on the 1POT App icon.
5. Tap “Install” or “GET”.
6. Enter your account information and password if necessary.
7. Once fully installed, 1POT App icon will appear on your home screen.

 **Note**

1POT App will be updated regularly. Use the latest version of the 1POT Professional by updating the app from the Apple App Store or Google Play Store.

## Connecting 1POT™ Personal Device to 1POT App

1. Turn on your mobile smart device.
2. Tap on the 1POT App icon on your home screen to start the app.  
If the app is not installed yet, refer to page 26 of this User Guide to install the app.
3. When prompted to allow Bluetooth® access, tap “Confirm”.

### Warning

Pop-up messages may vary depending on the mobile smart device specifications. Carefully read the pop-up messages displayed on your screen. Keep in mind that you may not be able to use the app if you do not select "Confirm", "Allow", or "Always allow".

### Warning

Some Android versions may only display "Only this time" and not "Always allow". If this is the case, tap "Allow in settings" followed by "Always allow".

4. When prompted to allow location access, tap “Allow”.
5. When prompted to connect a new device, tap “Connect” and a QR code scan will be displayed.

6. Scan the QR code on the bottom of the 1POT™ Personal device to connect your mobile smart device.
7. If you turn on the 1POT™ Personal device, it will be connected to the app. When connected, the connection indicator of the device will turn from green to blue.

 **Note**

Device once paired by scanning the QR code does not need to be paired again. If 1POT™ Personal device is turned on and the app is running, it will automatically connect.

8. Once connected, tap “Allow” to allow access to photos, media and files on your device.
9. The serial number and the battery status of the 1POT™ Personal device will be displayed on your screen. You are now ready to run a test.

 **Caution**

One (1) 1POT™ Personal device connects to one (1) mobile smart device.

## Connecting to Other 1POT™ Personal Devices

1. To connect to a different 1POT™ Personal device, tap on “Connect a new device” on the dashboard of the app.
2. A QR code scan will be displayed.
3. Scan the QR code on the bottom of the new 1POT™ Personal device.

 **Caution**

If you pair a new device, 1POT™ Personal device from previous use will not be connected.

4. Briefly press the button on the device to turn it on, and you will see the serial number and the battery status of the new device. You are now connected to a new device.

## 05. Run a Test

Read this chapter carefully. It is important to read and follow the instructions in the 1copy™ COVID-19 MDx Kit . If the device is not connected, please connect the device first and proceed with the testing by referring to “connecting 1POT™ Personal device to 1POT App” on page 28.

### **Warning**

- Your results may be incorrect or invalid if you do not follow the instructions provided in this User Guide.
- You must place the 1POT™ Personal device on a flat, stable surface when you start a test. Do not tilt or move the 1POT™ Professional device when running a test.
- Do not open the cover of the 1POT™ Personal device when running a test. If the cover does open, close it as fast as possible.

### **Caution**

If the 1POT™ Personal device cannot start or complete a test due to low battery, you will be notified on the 1POT App. Then, plug the device to an outlet and charge your device. You can run a test on your 1POT™ Personal device while charging.

 **Note**

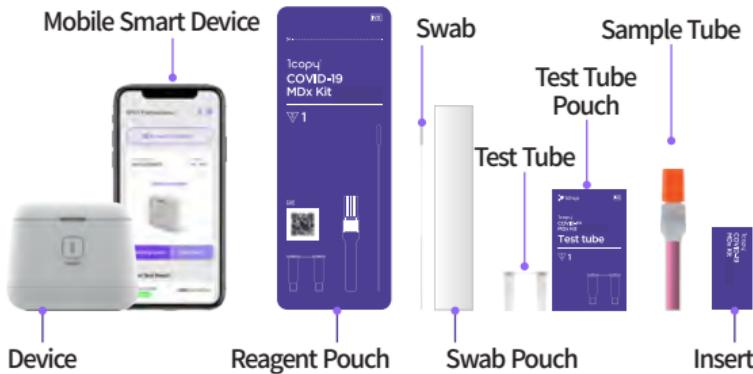
Even if the 1POT™ Personal device is disconnected from your mobile smart device while a test is running, it will continue to run, complete, and save the test. You can see your results on the 1POT App when you reconnect your mobile smart device to the 1POT™ Personal device.

## Preparations

Before you begin a test, check all the components and place them on a flat, stable surface.

### Caution

Make sure the battery level of your mobile smart device or 1POT™ Personal device is at least 20%.



## Reasons for Incorrect or Invalid Results

Carefully follow the instructions provided in this User Guide to store, handle and operate the 1POT™ Personal device.

Reasons for incorrect or invalid results may be:

- Storing or using the 1POT™ Personal device at temperatures that are too high or low. See “Specifications” on the page 55 for more details.
- Introducing foreign substances in the tube slot of the 1POT™ Personal device.
- Dropping the 1POT™ Personal device.
- Using a damaged 1POT™ Personal device.

## Connecting to Device and Start Preheating

1. Launch the 1POT App in your smart mobile device. If the app isn't installed, please refer “Installing the 1POT App” in page 26. As running the app, when the previously connected 1POT™ Personal device is powered on, it automatically connects and the main screen appears the connection status. If 1POT™ Personal device is not connected to a smart mobile device, see “Connect

1POT™ Personal device and 1POT App" on the page 28.

 **Caution**

- When the 1POT™ Personal device is powered off, the device information on the main screen is displayed as "Disconnected". Please turn on the power by short pressing the 1POT™ Personal device button.
- If there is no 1POT™ Personal device within the Bluetooth® range of your smart mobile device, the device information on the main screen will be displayed as "Disconnected". Please move the 1POT™ Personal device within the range.

2. If you click "View Test Guide" on the mobile app, the mobile app shows instructions to collect samples and prepare for the test. If you press "Start Test", you can start the test immediately without seeing the instructions on sample collection and test preparation.
3. If you press "View Test Guide" or "Start Test," you can see a

screen that scans the QR code in front of the reagent pouch, and the device will start preheating.



### **⚠ Caution**

Do not insert the test tube before the preheating is ended. It may cause incorrect results.

### **⚠ Caution**

Check the expiry date on the back of the reagent pouch.  
Do not use after the expiry dates.



# Collecting Sample

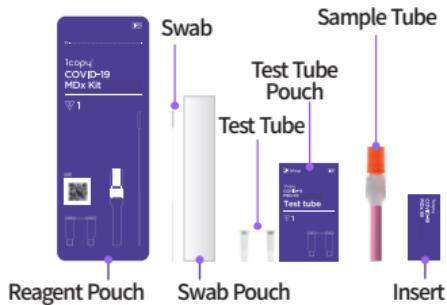
## ⚠ Caution

1copy™ COVID-19 MDx Kit is required to collect and test sample.

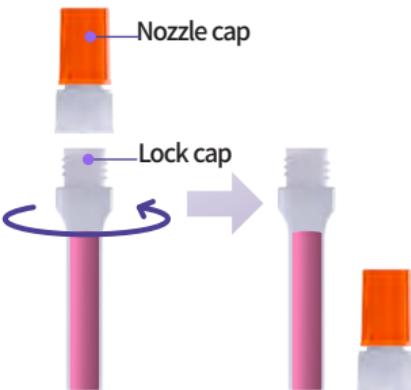
1. Wash hands thoroughly before you run a test. When using this product, wear appropriate protective clothing, safety glasses and disposable gloves.



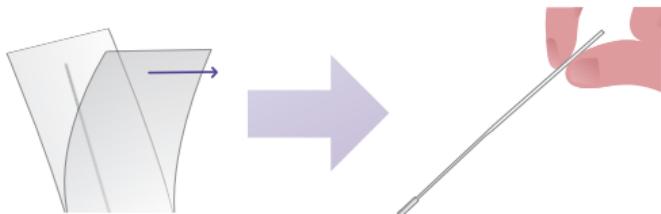
2. Before you begin a test, check all the components and place them on a flat, stable surface.



3. Make sure that there is red solution in the sample tube and place it on a flat surface with the lock cap open. Always place the detached lock cap near the sample tube.



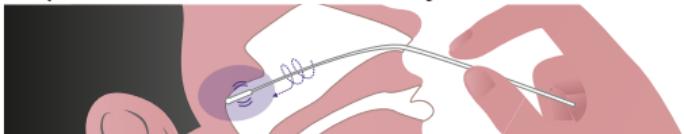
4. Unpack and take out a swab by holding the handle of the swab.



**Caution**

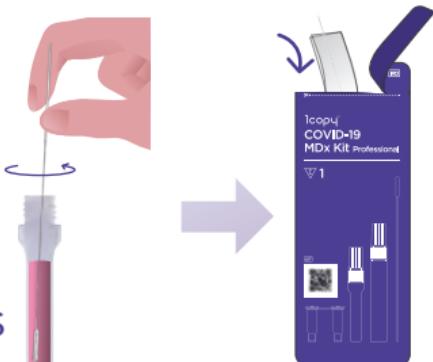
Make sure the head of the swab does not touch your hand.

5. Insert the swab into the patient's nostril at an angle parallel to the roof of the mouth, and rotate more than three times so the sample can be collected sufficiently.



6. Submerge the tip of the swab into the sample tube and stir it 15 times. Then dispose of the swab in the original swab pouch and the original reagent pouch one after another.

**15 times**



**Caution**

Do not swallow the solution or let them come into contact with your eye. In the case of contact with the skin or eye, rinse immediately with plenty of water. If you're experiencing persistent discomfort or pain, seek medical advice.

7. Close the lock cap of the sample tube. Sample is now ready to run a test.

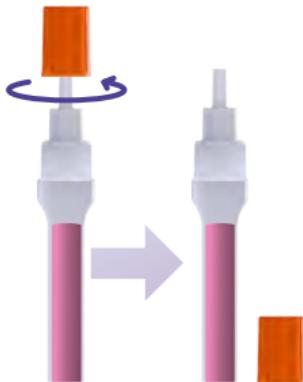


 **Warning**

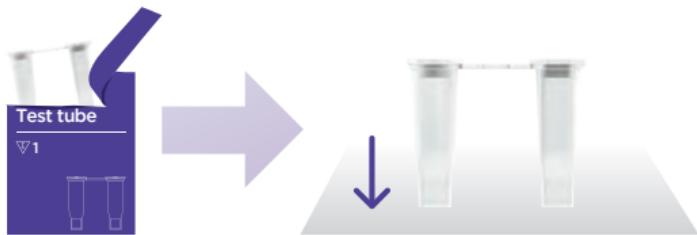
The mobile app displays the preheating progress of the device. If the device is not warmed up, please wait until the preheating is finished before starting the test.

## Start Test

1. When the mobile app informs you to put in the test tube, open the nozzle cap of sample tube and place it on a flat surface.



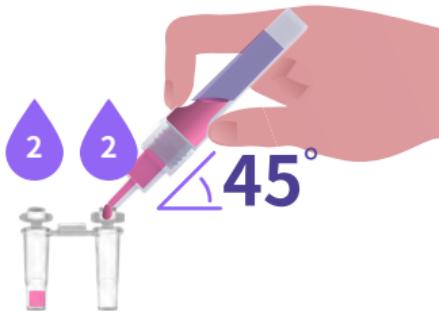
2. Unpack and take out the test tube. Check if there are freeze-dried reagents in the test tube, and tap the bottom of the test tube 3 times on a surface so the freeze-dried reagents to settle on the bottom.



3. Open both caps of the test tube.



4. Tilt the sample tube to 45 degrees, and gently squeeze it to let 2 drops of solution each fall into the 2 openings of the test tube. Then, close the cap of the test tube.  
Now, you are ready for the test.



### ⚠ Warning

- Please make sure the solution do not touch the wall when you insert it.
- Required sample volume for a test is  $50 \mu\text{l}$ . Drop the solution to fill up the bottom square part of test tube. Different amounts of solution can affect result of the test.



### ⚠ Warning

Start test within 5 minutes of preparing test tube. Results may not be valid after 5 minutes.

### ⚠ Caution

Close the cap of the sample tube and dispose of in the reagent pouch.

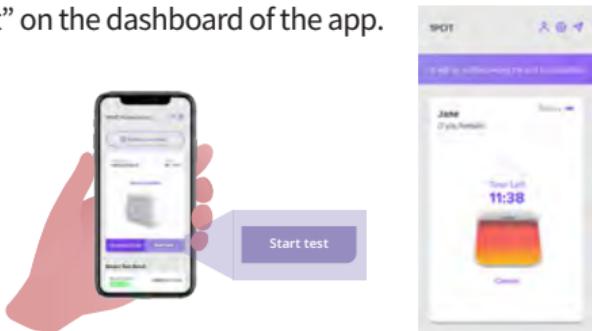
- When prompted to insert the test tube into the 1POT™ Personal device, open the cover, insert test tube into the tube slot, and close the cover.



 **Warning**

Do not insert the test tube before the preheating is ended. It may cause incorrect results.

6. Tap on “Start Test” on the dashboard of the app.



### Note

After test has started, you may use other apps on your mobile smart device.

### Caution

Do not open the cover or tilt the device during the test because the test can be ceased.

When the cover of the 1POT™ Personal device is opened or the device is tilted, the buzzer sound will ring and a guide will be displayed on the app screen. Close the cover or place it on a flat surface within 20 seconds.

7. The device will change its status to keeping inner temperature. At this time, the status indicator flashes as blue.

 **Note**

The app will also display the test status.

8. When testing is completed, the status indicator of the 1POT™ Personal device will turn off, and the test results with change in absorbance will be displayed on screen. Suggested results are “Negative”, “Positive”, “Inconclusive”, and “Invalid”.



## Results Interpretation

The test tube has 2 types of reagents: test and control.

The color of reagent will be changed to yellow if target genes are amplified. compare the change of color or test and control to interpret the result.



reagent	Result		Interpretation
Test	Control		
●	●	Negative	A negative result means that COVID-19 virus was not detected in the sample. However, if the patient has COVID-19-related symptoms or has been in contact with a COVID-19 positive person, visit a health facility for a COVID-19 test.
●	●	Positive	A positive result means that COVID-19 was detected in the sample, and that the patient is very likely to be infected; therefore, you must visit a health facility for a COVID-19 test.
● ●	● ●	Invalid	Results are invalid. Collect new sample and run a test again.
Inconclusive		Inconclusive	Results are inconclusive to confirm. Collect new sample and run a test again.

### Note

The results should be interpreted by referring to the interpretation of the results in the manual of the reagent used.

## Disposal of Used Components

All components of 1copy™ COVID-19 MDx Kit can be used once and must be disposed of. After you finish a test, seal and dispose of the used swab, sample tube, and test tube in the provided pouch.

### Warning

- Do not open the test tube that has been used.
- If the test result is positive, do not dispose of anything as regular waste. You must put everything in the provided pouch, seal and dispose as biomedical waste.



# 06. Management

This chapter provides storing, managing and cleaning information for the 1POT™ Personal device.

## Storage and Management

- Turn off the power and remove the charging cable from the charger port when not using the 1POT™ Personal device.
- Store 1POT™ Personal device in areas unaffected by direct sunlight, temperature and humidity.
- The 1POT™ Personal device includes battery. Do not store it near fire.

## Cleaning and Disinfecting

The 1POT™ Personal device must be cleaned and disinfected after each use. Sodium hypochlorite (NaClO) is recommended.

- Do not directly spray the 1POT™ Personal device with a disinfectant.
- Do not soak any parts of 1POT™ Personal device in water or any type of liquid.
- If part of the 1POT™ Personal device gets wet, wipe away all

moisture, dry and use.

- If water or other foreign substances enter the 1POT™ Personal device, do not arbitrarily disassemble or clean the insides. Please contact the manufacturer or seller.
- The 1POT™ Personal device includes battery. Do not store it near fire.

# 07. Troubleshooting

This chapter explains the status indicator of the 1POT™ Personal device and error messages displayed by the 1POT App. Pay attention to the error messages, pop-ups and sounds when using the 1POT™ Personal device.

If you have any questions,  
contact 1drop Customer Support at [cs@1drop.co.kr](mailto:cs@1drop.co.kr).

## Error Messages and Recommended Actions

Certain messages displayed by 1POT App indicate an error. Follow the Recommended Action in the table below when you encounter an error message.

Error Message	Recommended Actions
Test cannot start due to low battery.	There is not enough battery power to start a test. Charge the device to run a test.
Test cannot start due to opened cover.	You must insert the test tube and close the cover of the device to run a test. Close the cover and start test again.
Test cannot start due to tilted device.	Test will not run if the device is tilted. Place the device on a flat surface and start test again.

Error Message	Recommended Actions
Cover is open. Make sure the cover is fully closed.	If the cover is open for more than 20 seconds while running a test, your result is invalid. When you receive this message, close the cover. Then the message will disappear and test will continue.
Device is tilted. Make sure the device is upright.	If the device is tilted for more than 20 seconds while running a test, your result is invalid. When you receive this message, place the device on a flat surface. Once placed on a flat surface, the message will disappear and the test will continue.
Test canceled due to opened cover.	This message tells you that test has been terminated because the cover of the device has been open for more than 20 seconds. When you receive this message, press the button on the device for 2 seconds. Device will then be ready to start a new test.
Test canceled due to tilted device.	This message tells you that test has been terminated because the device has been tilted for more than 20 seconds. When you receive this message, press the button on the device for 2 seconds. Device will then be ready to start a new test.

Error Message	Recommended Actions
Test canceled due to failure to achieve temperature.	<p>When you start a test, the device heats up to induce a reaction of the test tube. This message tells you that the inside of the device has not heated in a certain period of time. When you receive this message, press the button for 2 seconds. Device will then be ready to start a test.</p> <p>If this message continues, contact Customer Support.</p>
Test canceled due to failure to maintain temperature.	<p>When you start a test, the device heats up to induce a reaction then maintains the heat for a certain period of time. This message informs you that the heat could not be maintained. When you receive this message, press the button for 2 seconds. Device will then be ready to start a test. If this message continues, contact Customer Support.</p>

## Use of Reset Button

If the 1POT™ Personal device does not operate as described in this User Guide, you must reset the device. Use a thin object with a blunt tip(e.g. paper clip) to press and hold the reset button for 0.5 seconds.



# 08. Specifications and Warranty

This chapter provides information on technical specifications and warranty for 1POT™ Personal.

## Specifications

Item	Description
Power	Lithium-ion battery: 3.63 Vdc, 6700 mAh USB-C (Power supply): 5 Vdc
Dimensions / Weight	85.0 x 56.5 x 70.3 (mm) / 232 g
Bluetooth® connection	BLE 5.0
Display	2 LED indicators, Beep
Operating temperature range	60 ± 2°C
Operating condition	10-30°C , 10~90% RH
Storage condition	1-40°C , 10~90% RH
Environmental condition	Indoor use only Altitude: 2000 m Main supply voltage fluctuation : ± 10% Pollution degree : 2 (IEC 60664-1) * Check the specifications of the power adapter to be used in order to use it under more unfavorable conditions than the above.

## Compliance with International Standards

1POT™ Personal is tested according to the following standards.

- IEC/EN 61010-1
- IEC/EN 61010-2-010
- IEC/EN 61010-2-101
- IEC/EN 61326-2-6
- IEC/EN 61326-1
- EN 301 489-1 EMC
- EN 301 489-17 EMC
- EN 61000-3-2 EMC
- EN 61000-3-3 EMC
- EN 300 328 RF

## **1POT™ Personal Disposal**

Dispose of all used products according to the applicable regulations in your country. For more information on proper disposal methods, contact your local authorities.

## **Warranty**

Your 1POT™ Personal product is warranted for a period of 1 year from the date of original retail purchase. If a defect in the materials or workmanship arises during this period, 1drop Inc. will provide warranty services for all eligible products. This warranty is maintained for as long as the original purchaser is in ownership of the product.

To request warranty service,

contact 1drop Customer Support at [cs@1drop.co.kr](mailto:cs@1drop.co.kr).

## FCC Statement

### Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user' s authority to operate this equipment.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

## IMPORTANT NOTE: FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## IC Statement

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. Le présent appareil est conforme aux CNR d' Industrie Canada applicables aux appareils radio exempts de licence. L' exploitation est autorisée aux deux conditions suivantes : (1) l' appareil ne doit pas produire de brouillage, et (2) l' utilisateur de l' appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.

Any changes or modifications not expressly approved by the manufacturer could void the user' s authority to operate this equipment.

This device and its antenna(s) must not be co-located or operate in conjunction with any other antenna or transmitter.

The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure. Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.

### **IMPORTANT NOTE: IC Radiation Exposure Statement**

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement est conforme aux limites d' exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20cm de distance entre la source de rayonnement et votre corps.

### **Transmit Antenna Notice**

This radio transmitter [IC: 28450-MI01] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

## Antenna list

Model	Type	Maximum gain(dBi)
MI01ANT	PCB Antenna	-2.4 dBi



EC REP

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