

**Hologic® RespDirect™ Collection Kit**

For *in vitro* diagnostic use.

Rx only

**Intended Use**

The Hologic® RespDirect™ Collection Kit is intended to be used for the collection of nasopharyngeal (NP) swab specimens and anterior nasal swab specimens for testing with the Panther Fusion® SARS-CoV-2/Flu A/B/RSV assay.

**Materials Provided**

**50 Hologic RespDirect Collection Kits (Cat. No. PRD-07788)**

Each kit contains:

<b>Component</b>	<b>Quantity</b>	<b>Description</b>
RespDirect Swab	1	Individually wrapped, sterile swab
Enhanced Direct Load Tube (eDLT)	1	Tube containing Enhanced Specimen Transport Medium (eSTM), 2.9 mL

**Warnings and Precautions**

- A. Use the provided swab only. Failure to use the provided swab may invalidate the test results.
- B. Do not use if the swab, tube, or packaging is visibly damaged (e.g., if the swab tip or shaft is bent or broken).
- C. Do not bend or shape the swab before collection. Do not use excessive force, pressure, or bending when collecting the specimen as this may result in accidental breakage of the swab.
- D. Do not apply the eSTM directly to skin or mucous membranes or take internally.
- E. Specimens may be infectious. Use Universal Precautions when handling specimens. Only personnel adequately trained in handling infectious materials should be permitted to handle specimens.
- F. Take care to avoid cross-contamination during specimen handling steps. Specimens can contain extremely high levels of pathogens. Ensure that specimens do not contact one another, and discard used materials without passing over the specimen tubes. If gloves come into contact with a specimen, change gloves to avoid cross-contamination.
- G. If the contents of the tube are spilled at any time during the collection procedure, collect a new specimen using a new Hologic RespDirect Collection Kit. Failure to use a new kit may invalidate the test results.
- H. Maintain proper storage conditions during specimen shipping to ensure the integrity of the specimen. Specimen stability under shipping conditions other than those recommended has not been evaluated.
- I. Do not use the kit after the expiration date to collect specimens.

- J. Use appropriate personal protective equipment (PPE) when collecting and handling specimens from individuals suspected of being infected with SARS-CoV-2 as outlined in CDC Interim Laboratory Biosafety Guidelines for Handling and Processing Specimens Associated with Coronavirus Disease 2019 (COVID-19).<sup>1</sup>
- K. Avoid contamination by adhering to good laboratory practices and to the procedures specified in this package insert.
- L. Some reagents in the kit are labeled with hazard information.

**Note:** Hazard communication information for labeling of globally marketed products reflects the US Safety Data Sheets (SDS) classifications. For hazard communication information specific to your region, refer to the region specific SDS on the Safety Data Sheet Library at [www.hologicsds.com](http://www.hologicsds.com). For more information on the symbols, refer to the symbol legend on [www.hologic.com/package-inserts](http://www.hologic.com/package-inserts).

#### US Hazard Information



#### Enhanced Specimen Transport Media

**HEPES 1-5%**  
**Subtilisins (proteolytic enzymes) <1%**  
**1,2-Benzisothiazolin-3-one <1%**

#### DANGER

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled  
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
 P284 - In case of inadequate ventilation wear respiratory protection  
 P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor  
 P501 - Dispose of contents/ container to an approved waste disposal plant

## Limitations

- A. The Hologic RespDirect Collection Kit is not cleared/indicated for home collection.

## Kit Storage Requirements

Prior to use store collection kit at room temperature (15°C to 30°C).

## RespDirect Specimen Performance

Assay performance characteristics for specimens collected with the RespDirect collection kit are provided in the Panther Fusion SARS-CoV-2/Flu A/B/RSV Assay package insert.

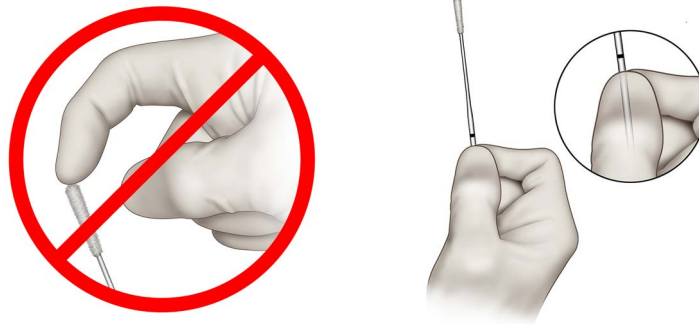
## Nasopharyngeal Swab Specimens Collection and Handling

### Instructions for nasopharyngeal swab specimen collection (healthcare professional collection only):

1. Wash hands with soap and water. If soap and water are not available, use hand sanitizer.
2. Partially peel open the swab package. Remove the swab. Do not touch the soft tip or lay the swab down. If the soft tip is touched, laid down, or dropped, discard and use a new Hologic RespDirect Collection Kit.
3. Hold the swab, placing your thumb and forefinger below the score line.

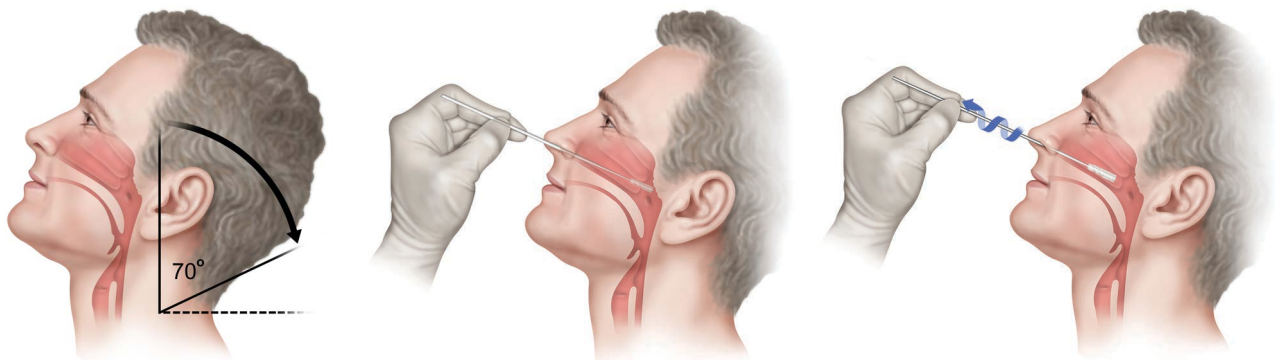
<sup>1</sup> <https://www.who.int/publications/i/item/WHO-WPE-GIH-2021.1>

**Note:** Actual product may appear slightly different from the one shown in this section.



4. Tilt patient's head back 70 degrees. Gently and slowly insert the swab through the nostril parallel to the palate (not upwards) until resistance is encountered or the distance is equivalent to that from the ear to the nostril of the patient, indicating contact with the nasopharynx. Swab should reach the depth equal to the distance from nostrils to outer opening of the ear. Gently rub and roll the swab. Leave the swab in place for several seconds to absorb secretions. Slowly remove the swab while rotating it.<sup>2</sup>

**Note:** If the swab is saturated with fluid from the first collection, it is not necessary to collect specimens from both sides. If a deviated septum or blockage creates difficulty in obtaining the specimen from one nostril, use the same swab to obtain the specimen from the other nostril.

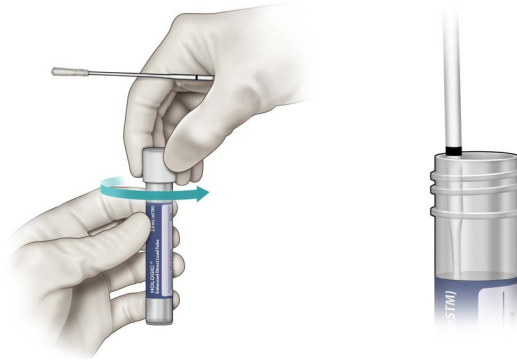


5. While holding the swab in the same hand, unscrew the cap from the tube. Do not spill the contents of the tube. If the contents of the tube are spilled, collect a new specimen using a new Hologic RespDirect Collection Kit.

**Warning:** If your skin comes into contact with liquid from the tube, wash with soap and water for 30 seconds.

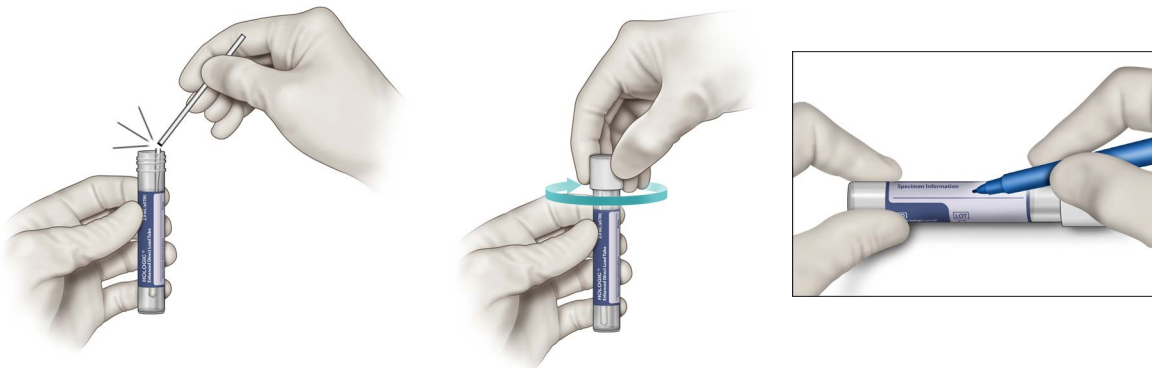
6. Immediately place the swab into the tube so that the score line is at the top of the tube.

<sup>2</sup> [https://www.cdc.gov/covid/hcp/clinical-care/clinical-specimen-guidelines.html?CDC\\_AAref\\_Val=](https://www.cdc.gov/covid/hcp/clinical-care/clinical-specimen-guidelines.html?CDC_AAref_Val=)



7. Carefully break the swab shaft at the score line against the side of the tube.
8. Discard the top portion of the swab shaft.
9. Tightly screw the cap onto the tube.

**Note:** *The tube label includes a field to record the specimen source and additional patient information.*



## Anterior Nasal Swab Specimen Collection and Handling

**Note:** Patient-collected anterior nasal swabs must be collected under observation of a healthcare provider. For patient-collected anterior nasal swab specimen collection, ensure that patients read the Patient Collection Instructions before providing them with a collection kit.

### Instructions for anterior nasal swab specimen collection:

1. Wash hands with soap and water. If soap and water are not available, use hand sanitizer.
2. Partially peel open the swab package. Remove the swab. Do not touch the soft tip or lay the swab down. If the soft tip is touched, laid down, or dropped, discard and get a new Hologic RespDirect Collection Kit.
3. Hold the swab, placing your thumb and forefinger at the score line.

**Note:** Actual product may appear slightly different from the one shown in this section.



4. Carefully insert the swab into the first nostril until the swab tip is no longer visible, i.e.  $\frac{1}{2}$  to  $\frac{3}{4}$  of an inch or 1.25 to 2 cm into the nostril. Rotate the swab with moderate pressure against as much of the wall of the nostril as possible in a large circular path inside the nose at least 4 times (approximately 10-15 seconds) against the nasal wall and remove from nostril. Repeat collection in the other nostril using the same swab.<sup>3</sup> **You must collect the sample from both nostrils.**

**Note:** Simply twirling the swab against one part of the inside of the nose or leaving the swab in the nose for 10-15 seconds, is not proper technique and may result in an insufficient sample.

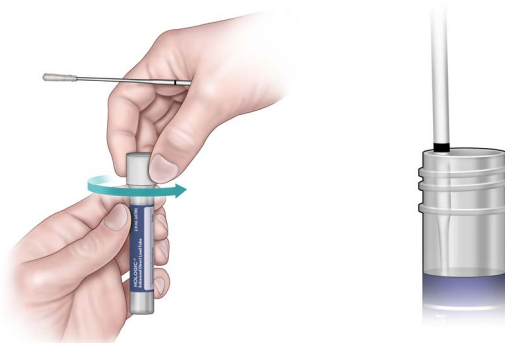


5. While holding the swab in the same hand, unscrew the cap from the tube. Do not spill the contents of the tube. If the contents of the tube are spilled, collect a new specimen using a new Hologic RespDirect Collection Kit.

<sup>3</sup> [https://www.cdc.gov/covid/hcp/clinical-care/clinical-specimen-guidelines.html?CDC\\_AAref\\_Val=](https://www.cdc.gov/covid/hcp/clinical-care/clinical-specimen-guidelines.html?CDC_AAref_Val=)

**Warning: If you come into contact with liquid from the tube, wash your hands with soap and water for 30 seconds.**

6. Immediately place the swab into the transport tube so that the score line is at the top of the tube.



7. Carefully break the swab shaft at the score line against the side of the tube.
8. Discard the top portion of the swab shaft.
9. Tightly screw the cap onto the tube.

**Note:** The tube label includes a field to record the specimen source.



## Specimen Transport and Storage

Swab specimens are intended to be transported to the laboratory in the provided swab specimen transport medium and tube. Refer to the Panther Fusion SARS-CoV-2/Flu A/B/RSV assay package insert for proper specimen storage conditions.

**Note:** Specimens must be shipped in accordance with applicable national and international regulations.

## Contact Information



10210 Genetic Center Drive  
San Diego, CA 92121 USA

**Customer Support:** +1 800 442 9892  
customersupport@hologic.com

**Technical Support:** +1 888 484 4747  
molecularsupport@hologic.com

For more contact information visit [www.hologic.com](http://www.hologic.com).

Hologic, RespDirect, Panther Fusion, and associated logos are trademarks and/or registered trademarks of Hologic, Inc. and/or its subsidiaries in the United States and/or other countries.

All other trademarks that may appear in this package insert are the property of their respective owners.

This product may be covered by one or more U.S. patents identified at [www.hologic.com/patents](http://www.hologic.com/patents).

©2023-2024 Hologic, Inc. All rights reserved.  
AW-32530-001 Rev. 001  
2024-12