

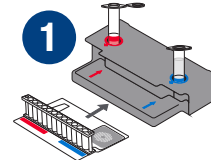
# BIOFIRE® Respiratory Panel 2.1 *plus* (RP2.1*plus*) Quick Guide



**⚠** To avoid contamination, always wear clean gloves and work behind a protective shield.

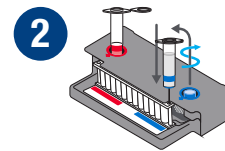
## STEP 1: PREPARE POUCH

- Insert pouch into BIOFIRE® Pouch Loading Station.
- Place **Sample Injection Vial** into **red well**.
- Place **Hydration Injection Vial** into **blue well**.



## STEP 2: HYDRATE POUCH

- Unscrew **Hydration Injection Vial** from cap.
- Remove **Hydration Injection Vial**, leaving cap in Pouch Loading Station.
- Insert **Hydration Injection Vial** into **pouch hydration port**.
- Push down to puncture seal then wait as **Hydration Solution** is drawn into pouch.

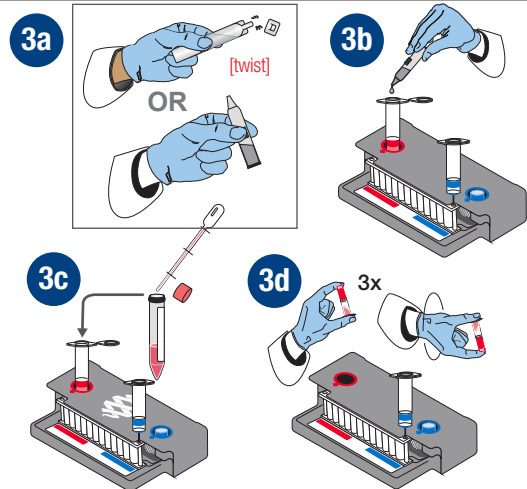


*Note - Verify the pouch has been hydrated.*

## STEP 3: PREPARE SAMPLE MIX

- Hold Sample Buffer Ampoule tip facing up and twist plastic tab off of ampoule tip. If no plastic tab on tip, firmly pinch textured plastic tab on side of ampoule until seal snaps.  
NOTE: Do not touch ampoule tip.
- Dispense Sample Buffer into **Sample Injection Vial** using a slow, forceful squeeze followed by a second squeeze. Avoid generating excessive foaming.
- Using the transfer pipette, draw specimen to the third line. Add specimen to **Sample Injection Vial** then tightly close lid.
- Invert the **Sample Injection Vial** 3 times then return to **red well** of Pouch Loading Station.

**⚠** *Warning—The Sample Buffer is harmful if swallowed and can cause serious eye damage and/or skin irritation.*

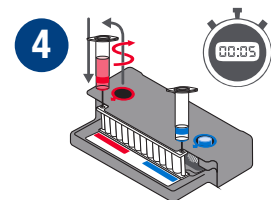


## STEP 4: LOAD SAMPLE MIX

- Unscrew **Sample Injection Vial** from cap.
- Wait 5 seconds, then remove **Sample Injection Vial**, leaving cap in Pouch Loading Station.

*Note - Waiting 5 seconds decreases the contamination risk.*

- Insert **Sample Injection Vial** into **pouch sample port**.
- Push down to puncture seal then wait as **Sample Mix** is drawn into pouch.



## STEP 5: RUN POUCH

- Follow instructions on computer for starting a test.

## RUN SUMMARY

Displays information about the sample and a summary of the control and test results.

### 1. Detected:

- Names of any detected organisms
- If 'None', no organisms were detected
- If 'Invalid', RETEST SAMPLE

### 2. Equivocal (↔):

- If 'None', no organisms were equivocal
- If an organisms is listed, RETEST SAMPLE
- If 'Invalid', RETEST SAMPLE

### 3. Controls:

- If 'Passed', results are valid
- If 'Failed', RETEST SAMPLE
- If 'Invalid', RETEST SAMPLE

|                                                                                                   |            |                                                              |  |                                                                                     |                         |
|---------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------|
|  <b>BioFire®</b> |            | <b>Respiratory Panel 2.1 <i>plus</i></b>                     |  |  |                         |
|                                                                                                   |            |                                                              |  | <a href="http://www.BioFireDx.com">www.BioFireDx.com</a>                            |                         |
| <b>Run Summary</b>                                                                                |            |                                                              |  |                                                                                     |                         |
| Sample ID:                                                                                        |            | Example Report                                               |  | Run Date:                                                                           | 08 Dec 2015<br>12:00 AM |
| 1                                                                                                 | Detected:  | Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) |  | Controls:                                                                           | Passed                  |
|                                                                                                   | Equivocal: | ♥Influenza A                                                 |  |                                                                                     |                         |

## RESULTS SUMMARY

Displays the test results for each organism.

### 4. If 'Detected', organism was detected

### 5. If 'Equivocal', result is inconclusive, RETEST SAMPLE

### 6. If 'Not Detected', organism was not detected

**Note - If repeated 'Invalid' results are obtained, contact Customer Support, the local bioMérieux sales representative or an authorized distributor.**

| Result Summary |                                                                       |
|----------------|-----------------------------------------------------------------------|
| Viruses        |                                                                       |
|                | Not Detected Adenovirus                                               |
|                | Not Detected Coronavirus 229E                                         |
|                | Not Detected Coronavirus HKU1                                         |
|                | Not Detected Coronavirus NL63                                         |
|                | Not Detected Coronavirus OC43                                         |
|                | Not Detected Middle East Respiratory Syndrome Coronavirus (MERS-CoV)  |
| ✓              | Detected Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) |
|                | Not Detected Human Metapneumovirus                                    |
|                | Not Detected Human Rhinovirus/Enterovirus                             |
| ↔              | Equivocal Influenza A                                                 |
|                | Not Detected Influenza B                                              |
|                | Not Detected Parainfluenza Virus 1                                    |
|                | Not Detected Parainfluenza Virus 2                                    |
|                | Not Detected Parainfluenza Virus 3                                    |
|                | Not Detected Parainfluenza Virus 4                                    |
|                | Not Detected Respiratory Syncytial Virus                              |
| Bacteria       |                                                                       |
|                | Not Detected <i>Bordetella parapertussis</i> (IS1001)                 |
|                | Not Detected <i>Bordetella pertussis</i> (ptxP)                       |
|                | Not Detected <i>Chlamydia pneumoniae</i>                              |
|                | Not Detected <i>Mycoplasma pneumoniae</i>                             |

## RUN DETAILS

Displays information about the pouch, instrument, run status, and operator.

### 7. Run Status:

- If 'Completed', run is complete
- If 'Incomplete', 'Aborted', or any other error message, RETEST SAMPLE

**Note - If repeated 'Error' messages are obtained, contact Customer Support, the local bioMérieux sales representative or an authorized distributor.**

| Run Details |             |                |             |           |
|-------------|-------------|----------------|-------------|-----------|
| 7           | Pouch:      | RP2.1plus v1.0 | Protocol:   | NPS2 v3.2 |
|             | Run Status: | Completed      | Operator:   | Anonymous |
|             | Serial No.: | 01234567       | Instrument: | FA0000    |
|             | Lot No.:    | 012345         |             |           |

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