



BioFire® BioThreat Panel Quick Guide

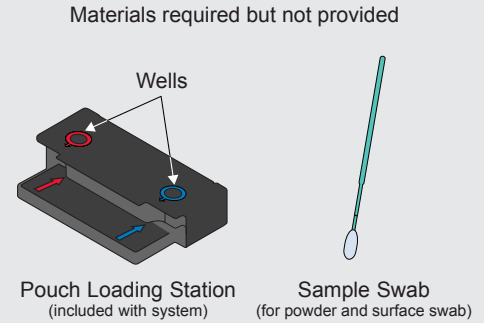
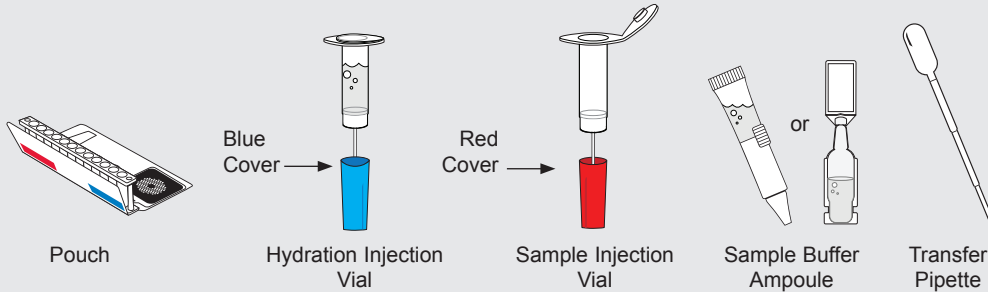
For use with BIOFIRE® FILMARRAY® 2.0 and BIOFIRE® SPOTFIRE® Systems



For Environmental Surveillance and Research Use Only. Not for use in diagnostic procedures.

REF RFIT-ASY-0094

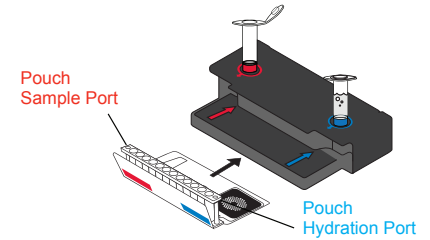
NOTE: To avoid contamination, clean work area and *always wear gloves*.
Work according to appropriate biosafety conditions while manipulating potentially infectious samples.
NOTE: Components from this kit should not be stored or used with any other kit.
Discard any extra components from the kit after all pouches have been used.



NOTE: Instrument should be powered on and ready for use prior to pouch preparation.

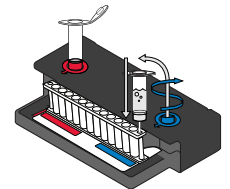
STEP 1: Prepare Pouch

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



STEP 2: Hydrate Pouch

- Twist off **Hydration Injection Vial**, leaving **blue cover** in Pouch Loading Station, and insert into **pouch hydration port**.
- Forcefully push down to puncture seal and verify that **Hydration Solution** has been drawn into pouch.



STEP 3: Prepare Sample Mix

Add Sample Buffer (**NOTE:** There are 2 possible designs of the Sample Buffer Ampoule)

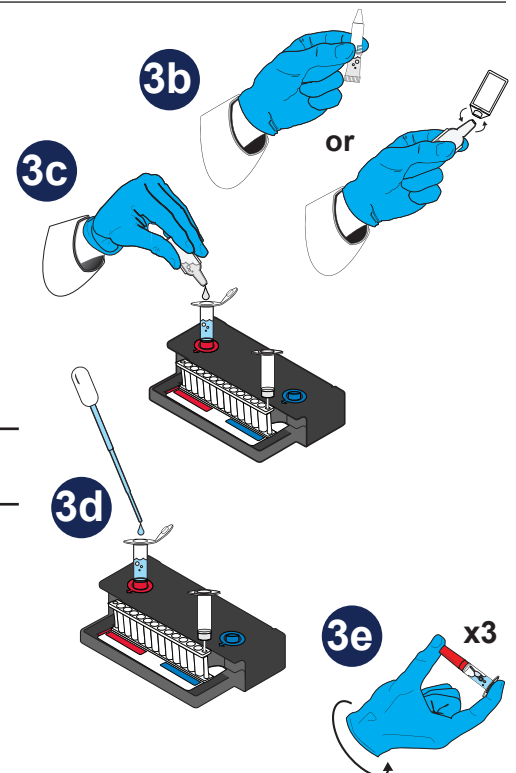
- Hold the Sample Buffer Ampoule with the tip facing up.
NOTE: Do not touch the tip of the ampoule.
- Firmly pinch textured plastic tab on the side of the ampoule until the seal snaps **or** if there is no textured tab on the side, gently twist off the plastic tab on the tip.
- Dispense Sample Buffer by squeezing the liquid-filled end using a slow, forceful squeeze, followed by a 2nd squeeze.

NOTE: Avoid generating excessive foam.

WARNING: Contact with sample buffer can cause serious eye damage and skin irritation and is harmful if swallowed.

For Liquid Samples (including Air-into-PBS / Dry Filter / Liquid):

- After collecting the liquid sample, use Transfer Pipette to draw filter wash or liquid to the **3rd** line (approx. 300 µL) and add to **Sample Injection Vial**.
- Tightly close the lid of the **Sample Injection Vial** and mix sample by gently inverting **3 times**.
- Return the **Sample Injection Vial** to the red well of the Pouch Loading Station.





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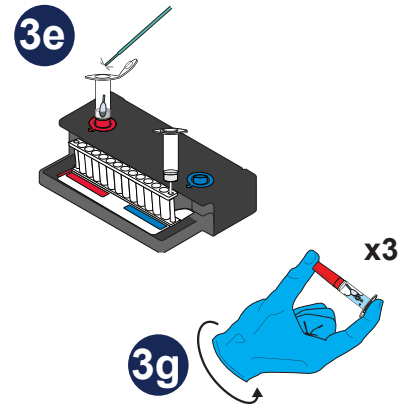
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STEP 3: Prepare Sample Mix (cont.)

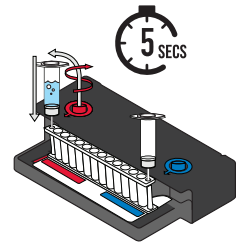
For Surface Swab Samples (including Powder / Surface):

- d. After collecting sample, place the tip of the swab into the **Sample Injection Vial** and swirl for **5** seconds.
- e. Break the swab handle at the molded break point, leaving the tip of the swab in the **Sample Injection Vial**.
NOTE: If the swab handle does not have a molded break point, cut the tip of the swab with clean scissors, leaving the tip of the swab in the **Sample Injection Vial**.
- f. Discard the handle in an appropriate waste container.
- g. Tightly close lid of **Sample Injection Vial** and mix sample by gently inverting **3** times.
- h. Return **Sample Injection Vial** to **red well** of Pouch Loading Station.



STEP 4: Load Sample Mix

- a. With **Sample Injection Vial** in the Pouch Loading Station, twist to loosen it from the **red cover** and pause for **5** seconds.
- b. Lift **Sample Injection Vial** from **red cover** and insert into **sample port**.
- c. Forcefully push down to puncture seal and verify that **Sample Mix** has been drawn into pouch.



STEP 5: Run Pouch

- a. Follow instructions on screen for starting a test.

NOTE: For the FILMARRAY 2.0, select **BT PBS** protocol. The SPOTFIRE system does not require protocol selection.

NOTE: Refer to the appropriate BioFire BioThreat Panel Instructions for Use for reporting information. After running the test, if repeated error messages are obtained, contact BioFire Defense Customer Technical Support.



Please visit: www.biofiredefense.com/product-support/filmarray-support, scan the QR code, or contact Support@BioFireDefense.com to request the appropriate Instructions for Use (IFU) for this kit.



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