BioFire® Global Fever Panel Quick Guide
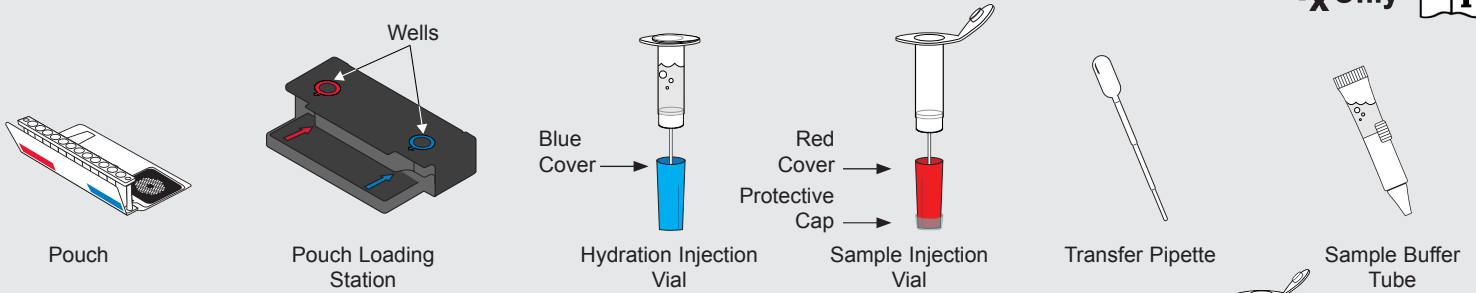
For use with BioFire® FilmArray® 2.0 and BioFire® Torch® Systems

For In Vitro Diagnostic Use.
**NOTE:** Components from this kit should not be stored or used with any other kit.

REF DFA2-ASY-0004 | IVD

Rx Only

Wells

Pouch

Pouch Loading Station

Blue Cover → Hydration Injection Vial

Red Cover → / Protective Cap → Sample Injection Vial

Transfer Pipette

Sample Buffer Tube

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

Step 1: Prepare Pouch

a. Insert pouch into Pouch Loading Station.
b. Remove clear cap from Sample Injection Vial and place into red well.
c. Place Hydration Injection Vial into blue well.

Pouch Sample Port

Pouch Hydration Port
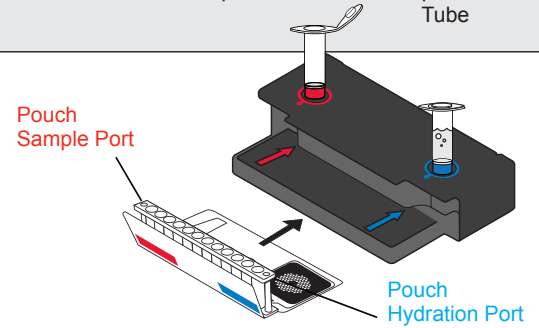
Step 2: Hydrate Pouch

a. Unscrew Hydration Injection Vial from cover.
b. Remove Hydration Injection Vial, leaving blue cover in Pouch Loading Station.
c. Insert Hydration Injection Vial into hydration port.
d. Push down to puncture seal and wait as Hydration Solution is drawn into the pouch.
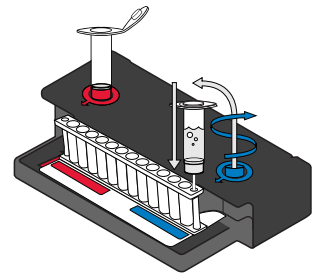
   NOTE: Verify the pouch has been hydrated.

Step 3: Prepare Sample Mix

**NOTE:** Gently invert whole blood sample container until thoroughly mixed.

a. Use the Transfer Pipette to draw sample to the **2nd** line. Add the sample to Sample Injection Vial.
b. Hold the Sample Buffer Tube with the tip facing up and firmly pinch at textured plastic tab on side of tube until the seal snaps.

   NOTE: Do not touch the tip of the tube.

c. Dispense Sample Buffer into Sample Injection Vial using a slow, forceful squeeze, followed by a **2nd** squeeze.

   NOTE: Avoid generating excessive foam.

d. Tightly close lid and invert the Sample Injection Vial **3** times.
e. Return Sample Injection Vial to red well of Pouch Loading Station.

3a

3b

3c

3d 3x
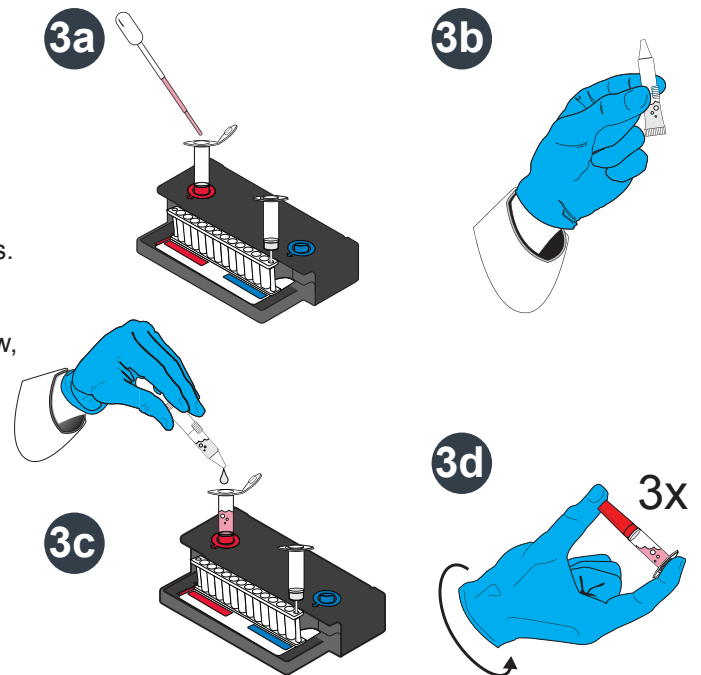
**WARNING:** Sample Buffer is harmful if swallowed and can cause serious eye damage and/or skin irritation.

Step 4: Load Sample Mix

a. Unscrew Sample Injection Vial from red cover.

b. Wait for **5** seconds, then remove Sample Injection Vial, leaving red cover in Pouch Loading Station.

   NOTE: Waiting **5** seconds decreases the contamination risk.

c. Insert Sample Injection Vial into pouch sample port.

d. Push down to puncture seal, then wait as sample mix is drawn into the pouch.
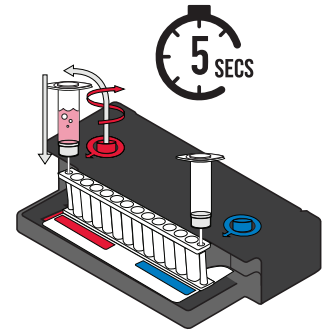
Step 5: Run Pouch

a. Screw vials back into covers in Pouch Loading Station before disposing of them in a biohazard container.

b. Remove pouch from Pouch Loading Station and load into the instrument.

   Optional added operator protection: Before removal from biosafety cabinet, run a bleach wipe, a paper towel with 10% bleach (one part bleach to nine parts water) across the top of the pouch from the pouch hydration port *to the* pouch sample port, *and follow with a water wipe. This reduces the potential for contact with small amounts of sample mixed with sample buffer that may be retained at the sample injection port.*

c. Follow instructions on screen for starting a test.

   NOTE: Select the **GF Blood** protocol.

Step 6: Review Report

① **Run Information** - Displays information about the sample, protocol, pouch, run status, operator, instrument, and results.

Internal Controls:
- If 'Passed', results are valid.
- If 'Failed' or 'Invalid', **RETEST SAMPLE**.

Run Status:
- If 'Completed', run is complete.
- If 'Incomplete', 'Aborted', or any other error message, **RETEST SAMPLE**.

BioFire®
GF Panel - IVD v2.1   **B I O 🔥 F I R E**
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① Run Information

Sample ID	test pouch		Run Date	12 Mar 2021 12:00 AM
Protocol	GF Blood v3.1		Serial No.	01234567
Pouch Type	GF Panel - IVD v2.1		Lot No.	012345
Internal Controls	Passed		Operator	Anonymous
Run Status	Completed		Instrument	FA0000

② Negative
Report the Results

③ Result Summary

Detected	Not Detected
	Chikungunya virus Dengue virus *Leptospira* spp. *Plasmodium* spp. *Plasmodium falciparum* *Plasmodium vivax/ovale*

② **Results Banner:** Displays the test results.
- Follow the instructions listed in the banner.

③ **Result Summary:** Displays the test results for each organism.

'Detected': Lists names of any detected organisms.

'Not Detected': Lists names of organisms that were not detected.

NOTE: Refer to the *BioFire Global Fever Panel Instructions for Use* for reporting information. If repeated error messages are obtained, contact *BioFire Defense Technical Suppor*t.

DFA2-PRT-0027-02