**FilmArray® Meningitis/Encephalitis Panel**

(Injection Vials)

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

### 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
- Unscrew Hydration Injection Vial, leaving cap in Pouch Loading Station, and insert into pouch hydration port.
- Forcefully push down to puncture seal and wait as Hydration Solution is drawn into pouch.

### Step 3: Prepare Sample Mix
- Add Sample Buffer to Sample Injection Vial:
  - Invert Sample Buffer Ampoule so that tip is facing up. **Note: Do not touch the tip of the ampoule.**
  - Firmly pinch textured plastic tab on side of ampoule until seal snaps.
  - With the tip facing down, dispense Sample Buffer into Sample Injection Vial using a slow, forceful squeeze, followed by a 2nd squeeze. Avoid generating excessive bubbles.
- Using transfer pipette, draw cerebrospinal fluid (CSF) specimen to 2nd line.
- Add to Sample Injection Vial.
- Tightly close lid of Sample Injection Vial.
- Mix sample by gently inverting Sample Injection Vial 3 times.
- Return Sample Injection Vial to red well of Pouch Loading Station.

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

### Step 4: Load Sample Mix
- Unscrew Sample Injection Vial from cap.
- Pause for 3-5 seconds, then remove Sample Injection Vial, leaving cap in Pouch Loading Station.
- Insert Sample Injection Vial into pouch sample port.
- Forcefully push down to puncture seal.
- Wait as Sample Mix is drawn into pouch.

### Step 5: Run Pouch
- Follow instructions on computer for initiating a test.
- The pouch will click into place when properly seated.

**Note:** If the pouch does not insert easily, ensure that the lid is opened completely.
Understanding the FilmArray Run Report

1. Detected:
   - Names of any detected pathogens
   - 'None', no pathogens were detected
   - 'Invalid', RETEST SAMPLE

2. Controls:
   - 'Passed', results are valid
   - 'Failed', RETEST SAMPLE
   - 'Invalid', RETEST SAMPLE

The Results Summary Section lists the test results for each pathogen targeted by the Respiratory Panel.

3. "Detected", pathogen was detected
4. "Not Detected", pathogen was not detected

The Run Details Section displays information about the pouch, instrument, run status and operator.

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

Note: If repeated "Error" messages are obtained contact BioFire Diagnostics, the local bioMérieux sales representative, or an authorized distributor.