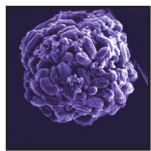
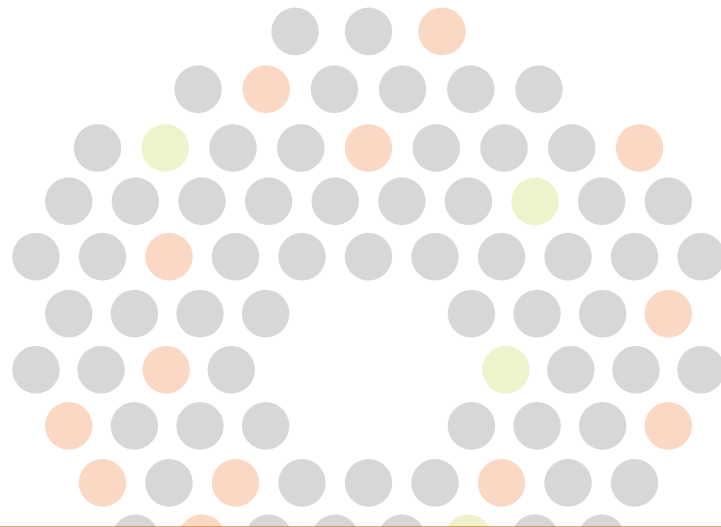




1 Test. 16 BioThreat Pathogens/26 Targets. All in about an hour.



- *Bacillus anthracis*, 3 Targets
- *Brucella* species, 2 Targets
- *Burkholderia mallei / pseudomallei*
- Botulinum toxin gene
- *Coxiella burnetii*, 2 Targets
- Ebola virus
- EEE virus
- *Francisella tularensis*, 2 Targets
- Marburg virus, 2 Targets
- Ricin toxin gene
- *Rickettsia*, 2 Targets
- Variola virus
- VEE virus, 2 Targets
- WEE virus
- *Yersinia pestis*, 2 Targets
- Orthopox genus viruses, 2 Targets



26
Targets

Comprehensive BioThreat Detection

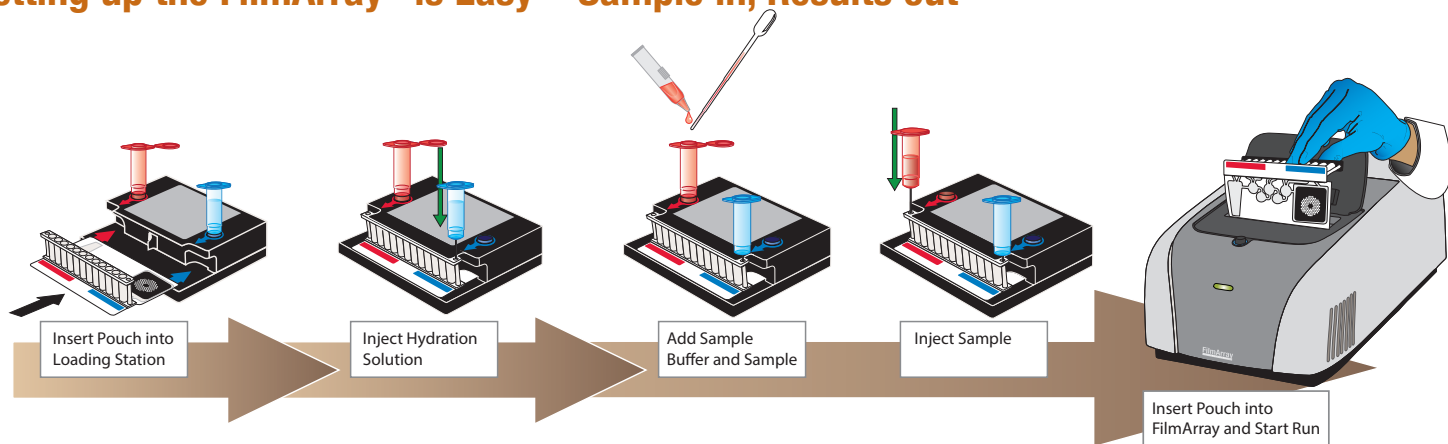
- **Multi-Use:** Used for BioThreat Detection and Pandemic BioSurveillance.
- **Easy-to-Use:** 2 minutes of hands-on time.
- **Fully Automated:** Sample prep, amplification, identification, and reporting.
- **Single Instrument Integration:** Minimal equipment and consumables.
- **Freeze-dried Reagents:** Room temperature stable.
- **More Sample Types:** Integrated sample prep removes PCR inhibitors and allows BioThreat detection in challenging environmental sample types.



If you are interested in a free, no obligation demonstration of the FilmArray in your lab visit www.BioFireDefense.com or call 1-801-266-3592

**FREE
Demo!**

Setting up the FilmArray® is Easy – Sample in, Results out



Fully Automated Operation

The FilmArray pouch contains all the required reagents for sample preparation, reverse transcription-PCR, PCR, and detection in a freeze-dried, room temperature stable format. Prior to a run, the operator injects hydration solution and the unknown sample into the pouch. The FilmArray instrument does the rest.

First, the FilmArray extracts and purifies all nucleic acids from the unknown sample. Next, the FilmArray performs a nested multiplex PCR. During the first-stage PCR, the FilmArray performs a single, large volume, massively multiplexed reaction. Last, individual singleplex second-stage PCR reactions detect the products from the first stage PCR.

Using endpoint melting curve data, the FilmArray software automatically generates a result for each target.

Ordering Information

Catalog No.	Description
FLM1-ASY-0108	FilmArray BioSurveillance System – US Config.
FLM1-ASY-0109	FilmArray BioSurveillance System – EURO Config.
FLM1-ASY-0110	FilmArray BioSurveillance System – UK Config.
FLM1-ASY-0111	FilmArray BioSurveillance System – AUS Config.
RFIT-ASY-0094	BioThreat Pouch Kit

*Contact us about our FDA cleared panels

System Specifications

Sample Handling

- Sample Types: Swab, liquid, culture, powder
- Sample Volume: 250 µL

Reagents

- Freeze-dried in durable plastic pouches
- Room temperature storage

Instrument Specifications

- Weight: 9 kg (20 lbs)
- Size: 25.4 x 39.3 x 16.5 cm (10 x 15.5 x 6.5 in.)

Power Requirements

- 90-264 VAC, 10 A

Performance Parameters

- Hands on time: Approx. 2 minutes
- Run turn-around time: Approx. 1 hour

Environmental Specification

- Operating: 15 °C to 30 °C at 20 to 80% humidity
- Storage: -30 °C to 65 °C

Desktop Software (Pre-loaded on supplied laptop)

- Windows-based instrument control and data analysis software
- Barcode reader for data input
- Automated qualitative analysis and reporting
- Separate advanced analysis software

FilmArray® BioThreat Panel		BIO FIRE	
		www.BioFireDx.com	
Run Summary			
Sample ID:	BT Ver DPU/PBS test concentration	Run Date:	11 Dec 2012 2:28 PM
Detected:	<i>Bacillus anthracis</i> <i>Brucella melitensis</i>	Controls:	Passed
Equivalocal:	None		
Result Summary			
✓ Detected	<i>Bacillus anthracis</i>		
✓ Detected	<i>Brucella melitensis</i>		
Not Detected	<i>Burkholderia mallei/pseudomallei</i>		
Not Detected	<i>Clostridium botulinum</i>		
Not Detected	<i>Coxiella burnetii</i>		
Not Detected	<i>Francisella tularensis</i>		
Not Detected	<i>Ricinus communis</i>		
Not Detected	<i>Rickettsia prowazekii</i>		
Not Detected	<i>Yersinia pestis</i>		
Not Detected	Ebola Zaire		
Not Detected	Marburg virus		
Not Detected	Orthopox genus virus		
Not Detected	Variola virus		
Not Detected	EEE virus		
Not Detected	VEE virus		
Not Detected	WEE virus		
Run Details			
Pouch:	BioThreat Panel v2.4	Protocol:	BT PBS v2.0
Run Status:	Completed	Operator:	Garrison Alger (garrison)
Serial No.:	00257302	Instrument:	ITI FA "FA1113"
Lot No.:	120730B		