



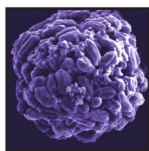
FilmArray[®] BioThreat Panel



For Research Use Only. Not for diagnostic use.

Information Sheet

1 Test. 16 BioThreat Targets. All in about an hour.



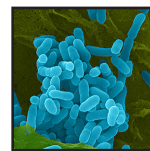
Bacteria

Bacillus anthracis
Brucella melitensis
*Burkholderia mallei / pseudomallei**
Coxiella burnetii
Francisella tularensis
Rickettsia prowazekii
Yersinia pestis



Viruses

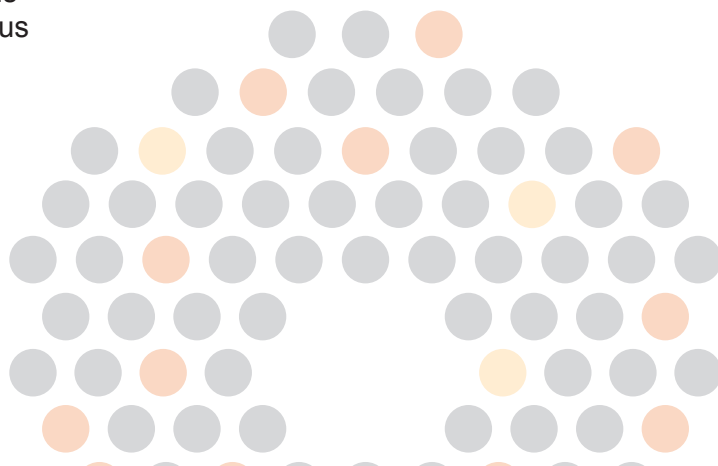
Ebola virus (Zaire)
 EEE virus
 Marburg virus
 Orthopox virus
 Variola virus
 VEE virus
 WEE virus



Toxin-Encoding Genes

Clostridium botulinum
Ricinus communis

*The *Burkholderia mallei / pseudomallei* assay may be cross-reactive with other *Burkholderia* species.



16 Targets

Comprehensive BioThreat Detection

- **Multi-Use:** Used for BioThreat Detection and 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.

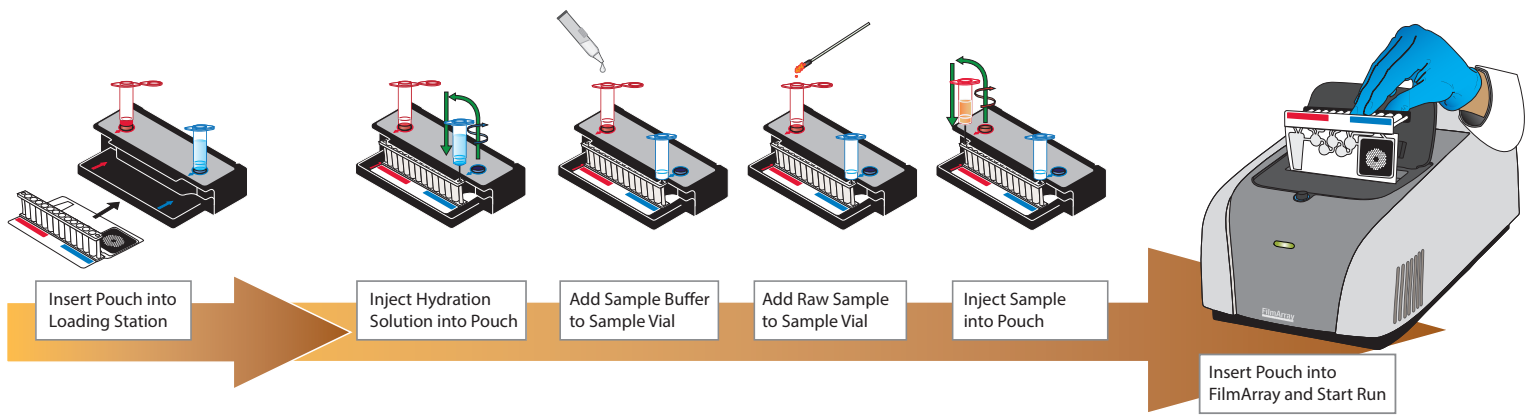


If you are interested in a free, no obligation demonstration of the FilmArray in your lab visit www.BioFireDefense.com or call 1-801-262-3592

FREE Demo!



Setting up the BioFire® 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 BioFire FilmArray extracts and purifies all nucleic acids from the unknown sample. Next, the instrument performs a nested multiplex PCR. During the first-stage PCR, the BioFire 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 BioFire FilmArray software automatically generates a result for each target.

Easy-to-Read Reporting

 FilmArray BioThreat Panel		BIO FIRE® <small>A BIOMERIEUX COMPANY</small> www.BioFireDefense.com	
Run Summary			
Sample ID:	32638-EN	Run Date:	01 Sep 2022 12:04 PM
Detected:	Orthopox genus virus	Controls:	Passed
Result Summary			
Bacteria			
Not Detected	<i>Bacillus anthracis</i>		
Not Detected	<i>Brucella melitensis</i>		
Not Detected	<i>Burkholderia mallei/pseudomallei</i>		
Not Detected	<i>Coxiella burnetii</i>		
Not Detected	<i>Francisella tularensis</i>		
Not Detected	<i>Rickettsia prowazekii</i>		
Not Detected	<i>Yersinia pestis</i>		
Viruses			
Not Detected	Ebola Zaire		
Not Detected	Marburg virus		
✓ Detected	Orthopox genus virus		
Not Detected	Variola virus		
Not Detected	EEE virus		
Not Detected	VEE virus		
Not Detected	WEE virus		
Toxins			
Not Detected	<i>Clostridium botulinum</i>		
Not Detected	<i>Ricinus communis</i>		
Run Details			
Pouch:	BioThreat Panel v2.5	Protocol:	BT PBS v3.0
Run Status:	Completed	Operator:	MJ - RkitMn
Serial No.:	D07654321	Instrument:	2FA00045
Lot No.:	1234567		

Panel Specifications

FilmArray BioThreat Panel
Part No: RFIT-ASY-0094

Sample Types: Liquid, Powder, and Surface Swabs

Sample Volume: 300 µL

Tests per Kit: 6 Pack Kit

Reagents

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

Patents: www.BioFireDefense.com/legalnotices