

FilmArray Blood Culture Identification Panel

1 Test. 27 Targets. All in about an hour.

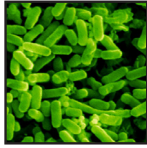


**Gram +
Bacteria**

Enterococcus
Listeria monocytogenes

Staphylococcus
Staphylococcus aureus

Streptococcus
Streptococcus agalactiae
Streptococcus pyogenes
Streptococcus pneumoniae



**Gram –
Bacteria**

Acinetobacter baumannii
Haemophilus influenzae
Neisseria meningitidis
Pseudomonas aeruginosa

Enterobacteriaceae
Enterobacter cloacae complex
Escherichia coli
Klebsiella oxytoca
Klebsiella pneumoniae
Proteus
Serratia marcescens



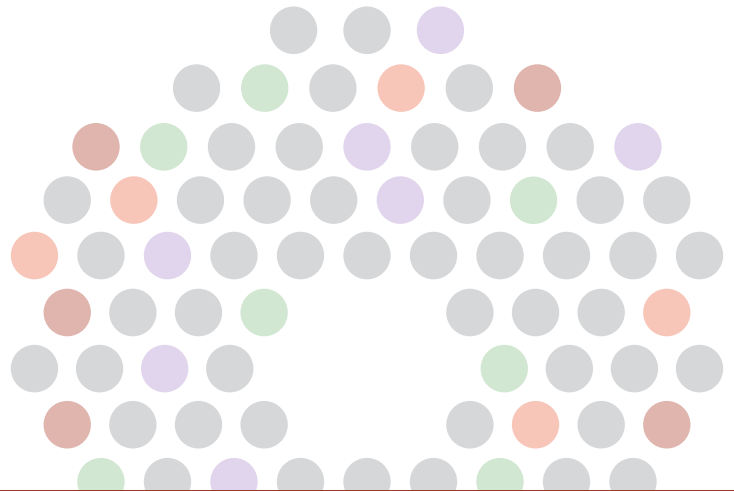
Yeast

Candida albicans
Candida glabrata
Candida krusei
Candida parapsilosis
Candida tropicalis



**Antibiotic
Resistance**

mecA - methicillin resistant
vanA/B - vancomycin resistant
KPC - carbapenem resistant



1
Hour

**Identify Pathogens from Positive
Blood Cultures in About 1 Hour**

For In-vitro Diagnostic Use
FDA Cleared | CE IVD Marked

The FilmArray Blood Culture Identification Panel (BCID) tests for a comprehensive list of 24 pathogens and 3 antibiotic resistance genes associated with bloodstream infections. With just one test you can identify pathogens in 9 out of 10 positive blood cultures in about an hour with only 2 minutes of hands-on time.

- **Simple:** Two minutes of hands-on time
- **Easy:** No precise measuring or pipetting required
- **Fast:** Turnaround time of about 1 hour
- **Comprehensive:** 27 target BCID panel



If you are interested in a free, no obligation demonstration of the FilmArray in your laboratory visit www.filmarray.com or call 1-800-735-6544.

**FREE
Demo!**

FilmArray®

The fastest way to better results.

390 Wakara Way, Salt Lake City, Utah 84108, USA | 1-801-736-6354 | www.BioFireDX.com

Panel Specifications

Sample Handling

- Sample Type: Positive Blood Culture
- Sample Volume: 100 µL

Performance Parameters

- Hands-on time: 2 minutes
- Run turnaround time: about 1 hour

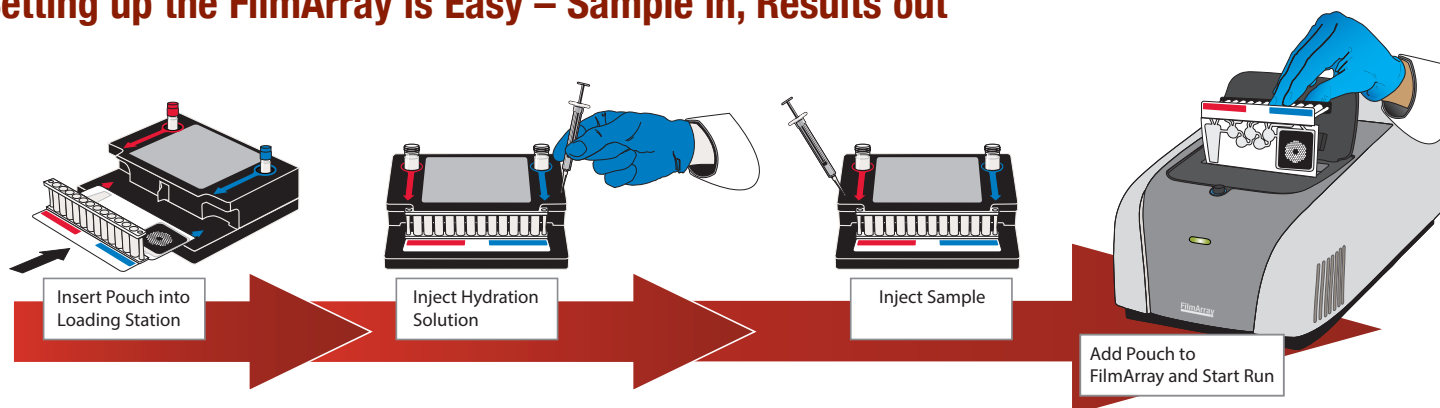
How Does the FilmArray Work?

The FilmArray reagent pouch stores all the necessary reagents for sample preparation, PCR and detection in a freeze-dried format. Prior to a run, the user injects Hydration Solution and positive blood culture sample combined with Sample Buffer into the pouch. The FilmArray instrument does the rest.

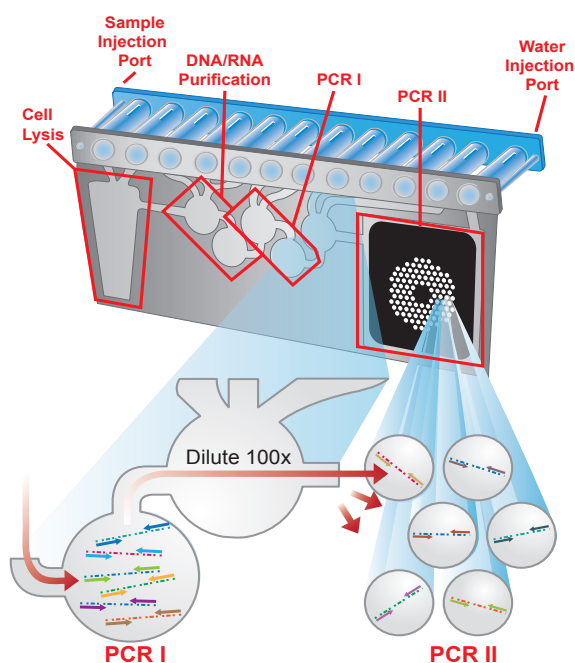
First, the FilmArray extracts and purifies all nucleic acids from the sample. Next, the FilmArray performs a nested multiplex PCR. During the first-stage PCR, the FilmArray performs a single, large volume, massively multiplexed reaction. Last, individual singleplex second-stage PCR reactions detect the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


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

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



The FilmArray Pouch and Analysis Report



 FilmArray® BCID Panel		BIO FIRE www.BioFireDx.com	
Run Summary			
Sample ID: SDY_9621_LED_50_6		Run Date: 29 May 2013 3:41 PM	
Organisms Detected: <i>Enterobacteriaceae</i> <i>Klebsiella pneumoniae</i>		Controls: Passed	
Applicable Antimicrobial Resistance Genes: KPC - Detected			
Result Summary - Interpretations			
Antimicrobial Resistance Genes			
✓ Detected	KPC (carbapenem-resistance gene)		
⊗ N/A	<i>mecA</i> (methicillin-resistance gene)		
⊗ N/A	<i>vanA/B</i> (vancomycin-resistance genes)		
NOTE: Antimicrobial resistance can occur via multiple mechanisms. A Not Detected result for the FilmArray antimicrobial resistance gene assays does not indicate antimicrobial susceptibility. Subculturing is required for species identification and susceptibility testing of isolates.			
Gram Positive Bacteria			
Not Detected	<i>Enterococcus</i>		
Not Detected	<i>Listeria monocytogenes</i>		
Not Detected	<i>Staphylococcus</i>		
Not Detected	<i>Staphylococcus aureus</i>		
Not Detected	<i>Streptococcus</i>		
Not Detected	<i>Streptococcus agalactiae</i> (Group B)		
Not Detected	<i>Streptococcus pneumoniae</i>		
Not Detected	<i>Streptococcus pyogenes</i> (Group A)		
Gram Negative Bacteria			
Not Detected	<i>Acinetobacter baumannii</i>		
✓ Detected	<i>Enterobacteriaceae</i>		
Not Detected	<i>Enterobacter cloacae</i> complex		
Not Detected	<i>Escherichia coli</i>		
Not Detected	<i>Klebsiella oxytoca</i>		
✓ Detected	<i>Klebsiella pneumoniae</i>		
Not Detected	<i>Proteus</i>		
Not Detected	<i>Serratia marcescens</i>		
Not Detected	<i>Haemophilus influenzae</i>		
Not Detected	<i>Neisseria meningitidis</i>		
Not Detected	<i>Pseudomonas aeruginosa</i>		
Yeast			
Not Detected	<i>Candida albicans</i>		
Not Detected	<i>Candida glabrata</i>		
Not Detected	<i>Candida krusei</i>		
Not Detected	<i>Candida parapsilosis</i>		
Not Detected	<i>Candida tropicalis</i>		
Run Details			
Pouch: BCID Panel	Protocol: BCID		
Run Status: Completed	Operator: RJones		
Serial No.: 00631374	Instrument: FA2075		
Lot No.: 125313			

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