

# FilmArray GI Panel

## 1 Test. 23 Targets. All in about an hour.



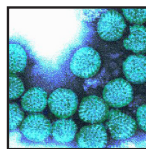
### Bacteria

*Aeromonas*  
*Campylobacter*  
*Clostridium difficile*  
 (Toxin A/B)  
*Plesiomonas shigelloides*  
*Salmonella*  
*Vibrio*  
*Vibrio cholerae*  
*Yersinia enterocolitica*



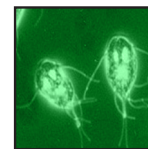
### Diarrheagenic E. coli/Shigella

*E. coli* O157  
*Enteroaggregative E. coli* (EAEC)  
*Enteropathogenic E. coli* (EPEC)  
*Enterotoxigenic E. coli* (ETEC)  
*Shiga-like toxin-producing E. coli* (STEC)  
*Shigella/Enteroinvasive E. coli* (EIEC)



### Viruses

*Adenovirus F 40/41*  
*Astrovirus*  
*Norovirus GI/GII*  
*Rotavirus A*  
*Sapovirus*



### Protozoa

*Cryptosporidium*  
*Cyclospora cayentanensis*  
*Entamoeba histolytica*  
*Giardia lamblia*

# 23

Targets

## Comprehensive Panel of 23 Targets

The FilmArray GI Panel tests for common gastrointestinal (GI) pathogens including viruses, bacteria and protozoa that cause infectious diarrhea. The integrated FilmArray system brings sample to results 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 1 hour
- **Comprehensive:** 23 target GI panel



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

**FREE  
Demo!**

**FilmArray**<sup>®</sup>

The fastest way to better results.

# Panel Specifications

Sample Handling	Performance Parameters
<ul style="list-style-type: none"> <li>Sample Type: Stool in Cary-Blair</li> <li>Sample Volume: 200 µL</li> </ul>	<ul style="list-style-type: none"> <li>Hands on time: Approx. 2 minutes</li> <li>Run turnaround time: About 1 hour</li> </ul>

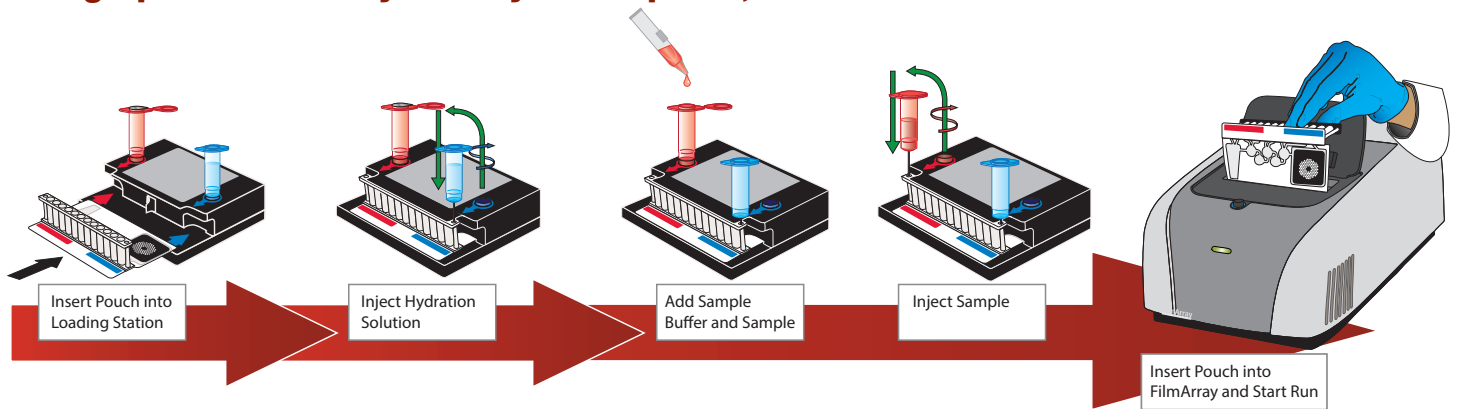
## How Does the FilmArray Work?

The FilmArray reagent pouch stores all the necessary reagents for sample preparation, reverse transcription-PCR, PCR, and detection in a freeze-dried format. Sample is collected in Cary-Blair transport media. Prior to a run, the user injects hydration solution and filtered sample combined with sample buffer mix into the pouch. The FilmArray instrument does the rest.

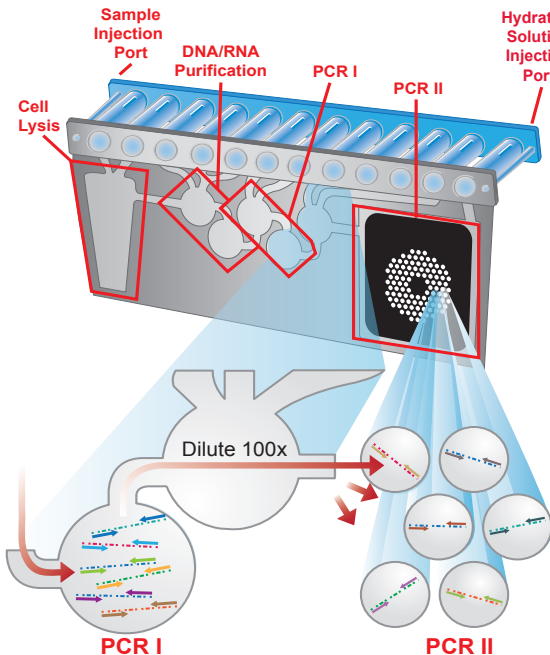
First, the FilmArray extracts and purifies all nucleic acids from the sample. Next, the FilmArray performs a nested multiplex PCR. During the first-stage PCR, the FilmArray performs a single, large volume, massively multiplexed reaction. Last, individual singleplex second-stage PCR reactions detect the 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® GI Panel		BIO FIRE www.BioFireDx.com	
<b>Run Summary</b>			
Sample ID:	009196-02-0005	Run Date:	07 Jun 2013 1:58 PM
Detected:	Enteroaggregative <i>E. coli</i> (EAEC) Adenovirus F 40/41	Controls:	Passed
<b>Result Summary</b>			
<b>Bacteria</b>			
Not Detected	<i>Aeromonas</i>		
Not Detected	<i>Campylobacter</i>		
Not Detected	<i>Clostridium difficile</i> toxin A/B		
✓ Detected	Enteroaggregative <i>E. coli</i> (EAEC)		
Not Detected	Enteropathogenic <i>E. coli</i> (EPEC)		
Not Detected	Enterotoxigenic <i>E. coli</i> (ETEC) <i>lt/st</i>		
Not Detected	<i>Plesiomonas shigelloides</i>		
Not Detected	<i>Salmonella</i>		
Not Detected	Shiga-like toxin-producing <i>E. coli</i> (STEC)		
Not Detected	<i>Shigella</i> /Enteroinvasive <i>E. coli</i> (EIEC)		
Not Detected	<i>Vibrio</i>		
Not Detected	<i>Vibrio cholerae</i>		
Not Detected	<i>Yersinia enterocolitica</i>		
<b>Protozoa</b>			
Not Detected	<i>Cryptosporidium</i>		
Not Detected	<i>Cyclospora cayetanensis</i>		
Not Detected	<i>Entamoeba histolytica</i>		
Not Detected	<i>Giardia lamblia</i>		
<b>Viruses</b>			
✓ Detected	Adenovirus F 40/41		
Not Detected	Astrovirus		
Not Detected	Norovirus GI/GII		
Not Detected	Rotavirus A		
Not Detected	Sapovirus		
<b>Run Details</b>			
Pouch:	GI Panel v2.1	Protocol:	Stool FA v2.3
Run Status:	Completed	Operator:	hkim1
Serial No.:	00675156	Instrument:	ITI FA "FA2115"
Lot No.:	127613		

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