

FilmArray[®] Gastrointestinal Panel

1 Test. 22 Targets. All in about an hour.

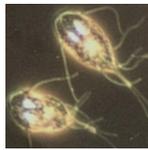


Bacteria

Campylobacter (jejuni, coli and upsaliensis)
Clostridium difficile (Toxin A/B)
Plesiomonas shigelloides
Salmonella
Yersinia enterocolitica
Vibrio (parahaemolyticus, vulnificus and cholerae)
Vibrio cholerae

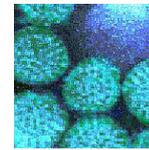
Diarrheagenic *E. coli*/*Shigella*

Enteraggregative *E. coli* (EAEC)
Enteropathogenic *E. coli* (EPEC)
Enterotoxigenic *E. coli* (ETEC) *lt/st*
Shiga-like toxin-producing *E. coli* (STEC) *stx1/stx2*
E. coli O157
Shigella/Enteroinvasive *E. coli* (EIEC)



Parasites

Cryptosporidium
Cyclospora cayetanensis
Entamoeba histolytica
Giardia lamblia



Viruses

Adenovirus F 40/41
Astrovirus
Norovirus GI/GII
Rotavirus A
Sapovirus (I, II, IV and V)

22
Targets

Simultaneous Identification of 22 Targets

The FilmArray Gastrointestinal (GI) Panel tests for a comprehensive panel of 22 viruses, bacteria and parasites that cause infectious diarrhea. The FilmArray instrument integrates sample preparation, amplification, detection and analysis into one simple system that requires two minutes of hands-on time and has a total run time of about an hour.

Simple: 2 minutes of hands-on time

Easy: No precise measuring or pipetting required

Fast: Turnaround time of about 1 hour

Comprehensive: 22 target GI Panel



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

Panel Specifications

Sample Handling

Sample Type: Stool in Cary Blair

Sample Volume: 200 µL

Performance Parameters

Hands-on time: Approximately two minutes

Run time: About an hour

FilmArray®

The fastest way to better results.

How Does the FilmArray Work?

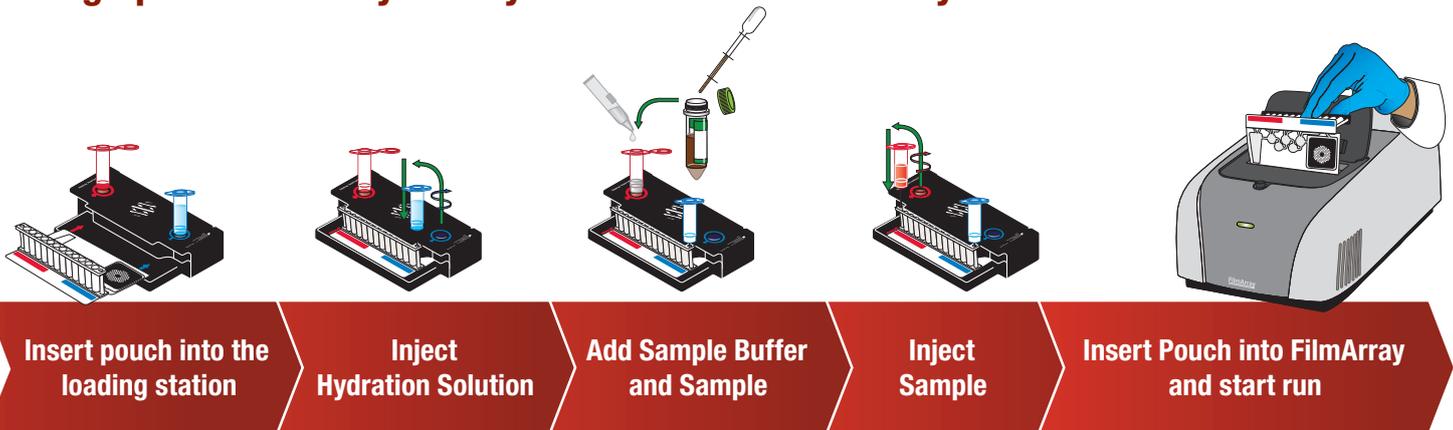
The FilmArray reagent pouch stores all the necessary reagents for sample preparation, reverse transcription, PCR and detection in a freeze-dried format. Sample is collected in Cary Blair transport media. Prior to a run, the user injects hydration solution and sample combined with sample buffer mix into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

First, the FilmArray extracts and purifies all nucleic acids from the sample.

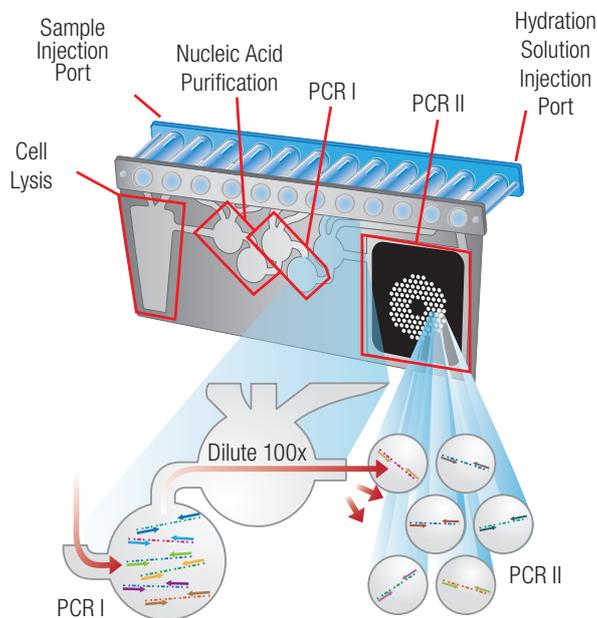
Next, the FilmArray performs a nested multiplex PCR. During the first-stage PCR, the FilmArray performs a single, large volume, massively multiplexed reaction. Last, individual singleplex second-stage PCR reactions detect the products from the first stage PCR.

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 — a true Load and Go system.



The FilmArray Pouch and Analysis Report



FilmArray™ GI Panel		BIO FIRE	
		www.BioFireDx.com	
Run Summary			
Sample ID:	009196-03-0790	Run Date:	27 Sep 2013 12:03 PM
Detected:	<i>Giardia lamblia</i>	Controls:	Passed
Result Summary			
Bacteria			
Not Detected	<i>Campylobacter</i>		
Not Detected	<i>Clostridium difficile</i> toxin A/B		
Not Detected	<i>Plesiomonas shigelloides</i>		
Not Detected	<i>Salmonella</i>		
Not Detected	<i>Vibrio</i>		
Not Detected	<i>Vibrio cholerae</i>		
Not Detected	<i>Yersinia enterocolitica</i>		
Diarrheagenic E. coli/Shigella			
Not Detected	Enteroaggregative <i>E. coli</i> (EAEC)		
Not Detected	Enteropathogenic <i>E. coli</i> (EPEC)		
Not Detected	Enterotoxigenic <i>E. coli</i> (ETEC) //st		
Not Detected	Shiga-like toxin-producing <i>E. coli</i> (STEC) stx1/stx2		
⊗ N/A	<i>E. coli</i> O157		
Not Detected	<i>Shigella</i> /Enteroinvasive <i>E. coli</i> (EIEC)		
Parasites			
Not Detected	<i>Cryptosporidium</i>		
Not Detected	<i>Cyclospora cayatanensis</i>		
Not Detected	<i>Entamoeba histolytica</i>		
✓ Detected	<i>Giardia lamblia</i>		
Viruses			
Not Detected	Adenovirus F 40/41		
Not Detected	Astrovirus		
Not Detected	Norovirus GI/GII		
Not Detected	Rotavirus A		
Not Detected	Sapovirus		
Run Details			
Pouch:	GI Panel v2.1	Protocol:	Stool FA v2.3
Run Status:	Completed	Operator:	John Madison (jrm)
Serial No.:	00789640	Instrument:	ITI FA "FA1315"
Lot No.:	135813		

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