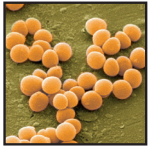


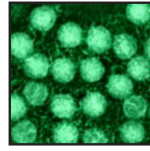
# FilmArray<sup>®</sup> Meningitis/Encephalitis Panel

**1 Test. 14 Targets. All in about an hour.**



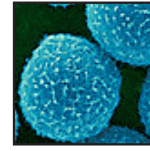
## Bacteria

*Escherichia coli* K1  
*Haemophilus influenzae*  
*Listeria monocytogenes*  
*Neisseria meningitidis*  
*Streptococcus agalactiae*  
*Streptococcus pneumoniae*



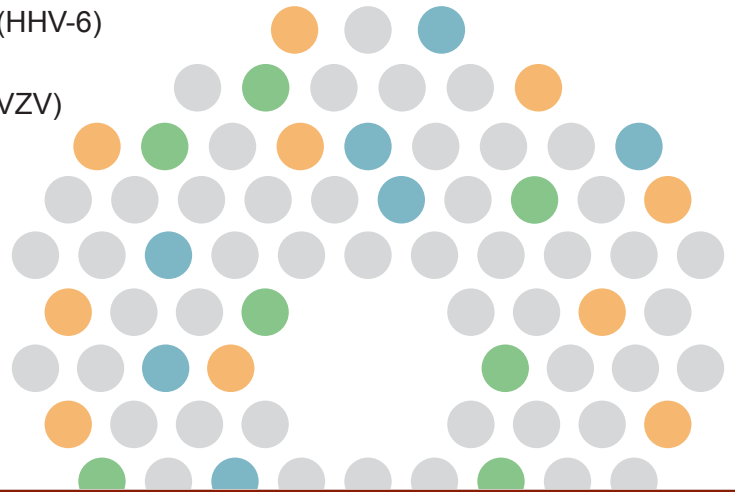
## Viruses

Cytomegalovirus (CMV)  
Enterovirus  
Herpes simplex virus 1 (HSV-1)  
Herpes simplex virus 2 (HSV-2)  
Human herpesvirus 6 (HHV-6)  
Human parechovirus  
Varicella zoster virus (VZV)



## Fungi

*Cryptococcus neoformans/gattii*



**14**  
Targets

## Comprehensive Panel of 14 Targets

The FilmArray Meningitis/Encephalitis (ME) Panel tests cerebrospinal fluid (CSF) for a variety of pathogens including bacteria, viruses, and fungi. The integrated FilmArray system yields sample to results in about an hour, with only 2 minutes of hands-on time.

- **Simple:** 2 minutes of hands-on time
- **Easy:** No precise measuring or pipetting required
- **Fast:** Turnaround time of about 1 hour
- **Comprehensive:** 14 bacterial, viral, and fungal targets

For In-vitro Diagnostic Use  
FDA-cleared



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!**

# Panel Specifications

## Sample Requirements

- Sample Type: Cerebrospinal Fluid (CSF)
- Sample Volume: 200 µL

## Performance Parameters

- Hands-on time: Approx. 2 minutes
- Run turnaround time: About 1 hour

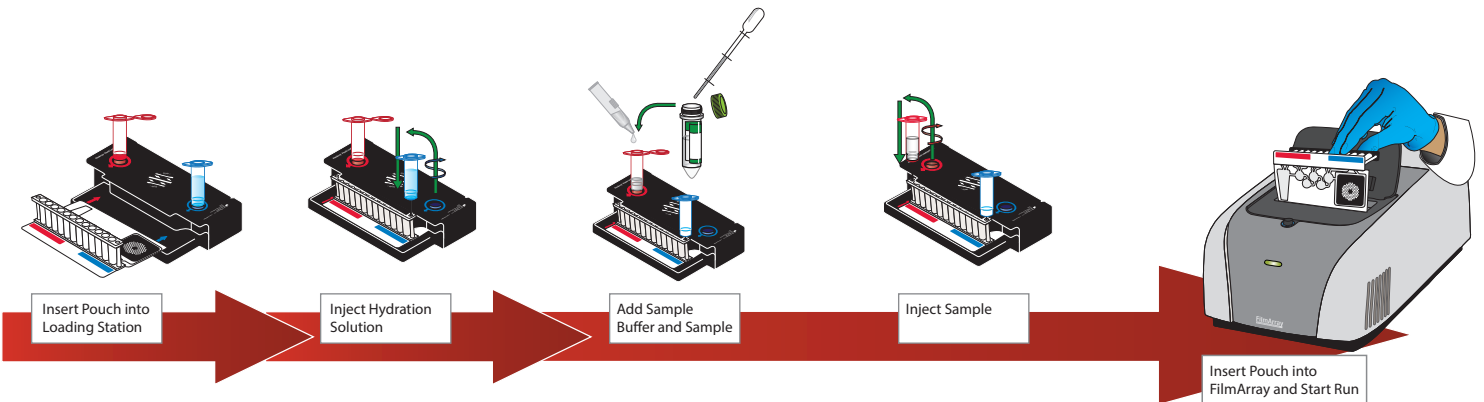
## How Does the FilmArray Work?

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

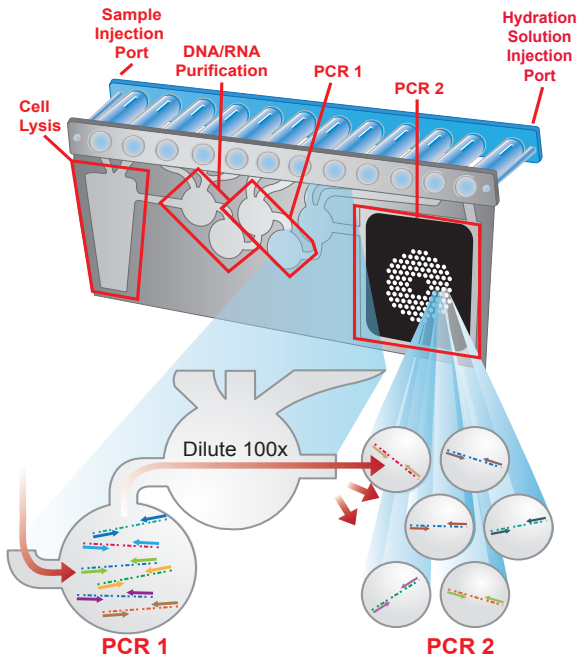
First, the FilmArray extracts and purifies all nucleic acids from the sample. Next, the FilmArray performs a nested multiplex PCR. During the first-stage PCR, the FilmArray performs a single, large volume, massively multiplexed reaction. Last, individual singleplex second-stage PCR reactions detect the 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 Meningitis / Encephalitis (ME) Panel - IVD		BIO FIRE
www.BioFireDx.com		
<b>Run Summary</b>		
Sample ID:	14067-0295	Run Date: 21 Jun 2015 1:47 PM
Detected:	Human herpesvirus 6	Controls: Passed
<small>WARNING: The FilmArray ME Panel does not distinguish between latent and active CMV and HHV-6 infections. Detection of these viruses may indicate primary infection, secondary reactivation, or the presence of latent virus. Results should always be interpreted in conjunction with other clinical, laboratory, and epidemiological information.</small>		
<b>Result Summary</b>		
<b>Bacteria</b>		
Not Detected	<i>Escherichia coli</i> K1	
Not Detected	<i>Haemophilus influenzae</i>	
Not Detected	<i>Listeria monocytogenes</i>	
Not Detected	<i>Neisseria meningitidis</i>	
Not Detected	<i>Streptococcus agalactiae</i>	
Not Detected	<i>Streptococcus pneumoniae</i>	
<b>Viruses</b>		
Not Detected	Cytomegalovirus	
Not Detected	Enterovirus	
Not Detected	Herpes simplex virus 1	
Not Detected	Herpes simplex virus 2	
✓ Detected	Human herpesvirus 6	
Not Detected	Human parechovirus	
Not Detected	Varicella zoster virus	
<b>Yeast</b>		
Not Detected	<i>Cryptococcus neoformans/gattii</i>	
<b>Run Details</b>		
Pouch:	ME Panel v1.4	Protocol: CSF v2.0
Run Status:	Completed	Operator: kris pierce (kris)
Serial No.:	02550174	Instrument: Ashley Hunter (ah)
Lot No.:	200415	

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