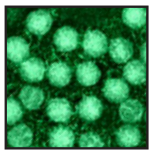
FilmArray® Meningitis/Encephalitis Panel

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

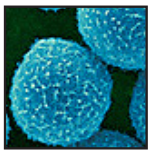
Bacteria

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



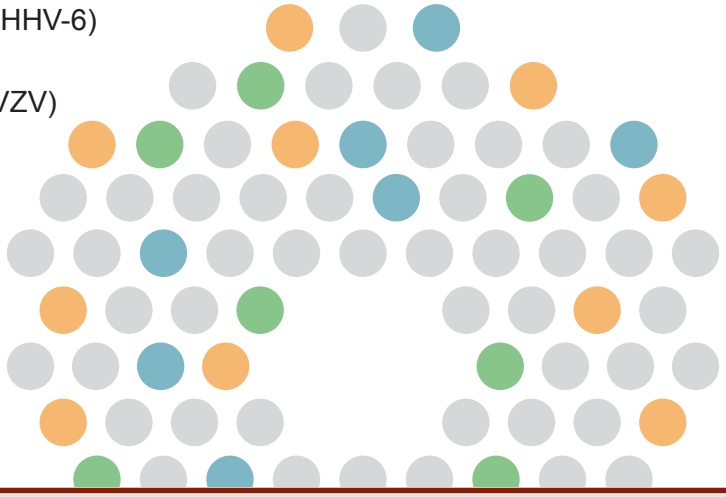
Viruses

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

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

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

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!

BIOFIRE® | FilmArray®

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

Panel Specifications

Sample Requirements	Performance Parameters
• Sample Type: Cerebrospinal Fluid (CSF)	• Hands-on time: Approx. 2 minutes
• Sample Volume: 200 µL	• Run turnaround time: About 1 hour

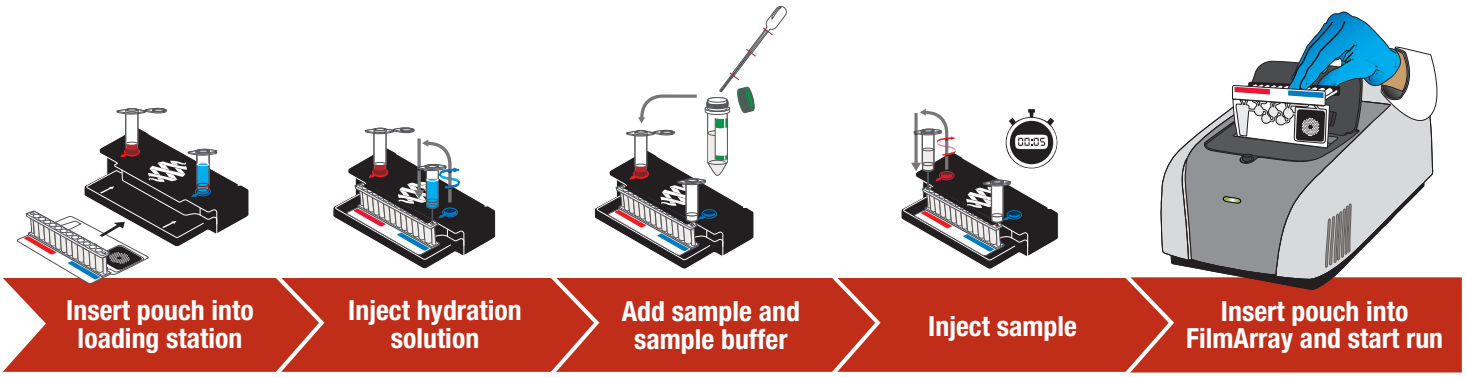
How Does the FilmArray Work?

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.

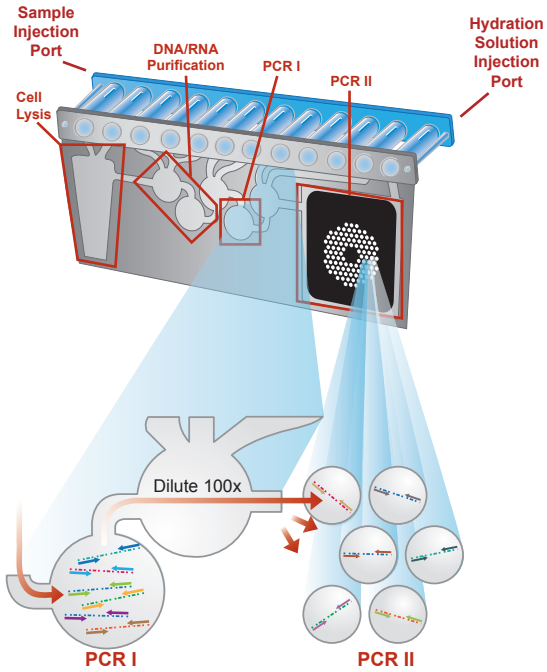
First, the FilmArray extracts and purifies all nucleic acids from the sample. Next, the FilmArray performs a nested multiplex PCR. During the first-stage PCR, the FilmArray performs a single, large volume, massively multiplexed reaction. Last, individual single-plex second-stage PCR reactions detect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

Run Summary

Sample ID:	6Y7G-9U6B3	**Run Date:**	11 Jul 2016 5:16 PM
Detected:	*Escherichia coli* K1 *Streptococcus pneumoniae* Cytomegalovirus Enterovirus Human herpesvirus 6	**Controls:**	Passed

⚠ **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.

Result Summary

Bacteria	
✓ Detected	*Escherichia coli* K1
Not Detected	*Haemophilus influenzae*
Not Detected	*Listeria monocytogenes*
Not Detected	*Neisseria meningitidis*
Not Detected	*Streptococcus agalactiae*
✓ Detected	*Streptococcus pneumoniae*
Viruses	
✓ Detected	Cytomegalovirus
✓ 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
Yeast	
Not Detected	*Cryptococcus neoformans/gattii*

Run Details

Pouch:	ME Panel v1.4	**Protocol:**	CSF v3.0
Run Status:	Completed	**Operator:**	Gerry Wakara (GW)
Serial No.:	05353491	**Instrument:**	2FA1234
Lot No.:	987654		

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