

## Respiratory Panel

### PATHOGENS

Adenovirus	Influenza A	Parainfluenza Virus 3
Coronavirus HKU1	Influenza A/H1	Parainfluenza Virus 4
Coronavirus NL63	Influenza A/H3	Respiratory Syncytial Virus
Coronavirus 229E	Influenza A/H1 -2009	<i>Bordetella pertussis</i>
Coronavirus OC43	Influenza B	<i>Chlamydomphila pneumoniae</i>
Human Metapneumovirus	Parainfluenza Virus 1	<i>Mycoplasma pneumoniae</i>
Human Rhinovirus/Enterovirus	Parainfluenza Virus 2	

Sample Type: Nasopharyngeal swab

## Blood Culture Identification Panel

### PATHOGENS

<b>Gram-Positive Bacteria</b> <i>Enterococcus</i> <i>Listeria monocytogenes</i> <b>Staphylococcus</b> <i>Staphylococcus aureus</i> <b>Streptococcus</b> <i>Streptococcus agalactiae</i> <i>Streptococcus pneumoniae</i> <i>Streptococcus pyogenes</i> <b>Antimicrobial Resistance Genes</b> <i>mecA</i> – methicillin resistance <i>vanA/B</i> – vancomycin resistance KPC – carbapenem resistance	<b>Gram-Negative Bacteria</b> <i>Acinetobacter baumannii</i> <i>Haemophilus influenzae</i> <i>Neisseria meningitidis</i> <i>Pseudomonas aeruginosa</i> <b>Enterobacteriaceae</b> <i>Enterobacter cloacae</i> complex <i>Escherichia coli</i> <i>Klebsiella oxytoca</i> <i>Klebsiella pneumoniae</i> <i>Proteus</i> <i>Serratia marcescens</i>	<b>Yeast</b> <i>Candida albicans</i> <i>Candida glabrata</i> <i>Candida krusei</i> <i>Candida parapsilosis</i> <i>Candida tropicalis</i>
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Sample Type: Positive Blood Culture

## Gastrointestinal Panel

### PATHOGENS

<b>Bacteria</b> <i>Campylobacter (jejuni, coli and upsaliensis)</i> <i>Clostridium difficile</i> (toxin A/B) <i>Plesiomonas shigelloides</i> <i>Salmonella</i> <i>Yersinia enterocolitica</i> <i>Vibrio (parahaemolyticus, vulnificus and cholerae)</i> <i>Vibrio cholerae</i> <b>Diarrheagenic E.coli/Shigella</b> Enterohaggregative <i>E. coli</i> (EAEC) Enteropathogenic <i>E. coli</i> (EPEC)	Enterotoxigenic <i>E. coli</i> (ETEC) <i>lt/st</i> Shiga-like toxin-producing <i>E. coli</i> (STEC) <i>stx1/stx2</i> <i>E. coli</i> O157 Shigella/Enteroinvasive <i>E. coli</i> (EIEC) <b>Parasites</b> <i>Cryptosporidium</i> <i>Cyclospora cayetanensis</i> <i>Entamoeba histolytica</i> <i>Giardia lamblia</i>	<b>Viruses</b> Adenovirus F40/41 Astrovirus Norovirus GI/GII Rotavirus A Sapovirus (I, II, IV and V)
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Sample Type: Stool in Cary Blair

# FilmArray® *THE SYSTEM*

## The FilmArray System

The FilmArray is an FDA-cleared multiplex PCR test that integrates sample preparation, amplification, detection and analysis all in one system. It requires just a few minutes of hands-on time and its turnaround time is about an hour, giving you faster results.

**SIMPLE:** Two minutes of hands-on-time

**EASY:** No precise pipetting

**FAST:** Turnaround time of about an hour



## NOW FDA-CLEARED

### Meningitis / Encephalitis Panel

#### *PATHOGENS*

##### **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)

##### **Yeast**

*Cryptococcus neoformans/gattii*

**Sample Type:** Cerebrospinal Fluid (CSF)

Other panels currently in development:  
**Lower Respiratory Tract Infection Panel**



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