

The BioFire® FilmArray® Panels

5 Tests. 119 Targets. All in About an Hour.



BioFire® FilmArray® Blood Culture Identification (BCID) Panel

27 Targets. ~1 Hour.

GRAM-NEGATIVE BACTERIA

Acinetobacter baumannii
 Enterobacteriaceae
Enterobacter cloacae complex
Escherichia coli
Klebsiella oxytoca
Klebsiella pneumoniae
Proteus
Serratia marcescens
Haemophilus influenzae
Neisseria meningitidis
Pseudomonas aeruginosa

GRAM-POSITIVE BACTERIA

Enterococcus
Listeria monocytogenes
Staphylococcus
Staphylococcus aureus
Streptococcus
Streptococcus agalactiae
Streptococcus pneumoniae
Streptococcus pyogenes

YEAST

Candida albicans
Candida glabrata
Candida krusei
Candida parapsilosis
Candida tropicalis

ANTIMICROBIAL RESISTANCE GENES

KPC – carbapenem resistance
mecA – methicillin resistance
vanA/B – vancomycin resistance

BioFire BCID Panel Specifications

Sample Type: Positive blood culture	Hands-on Time: Approximately 2 minutes
Sample Volume: 0.2 mL	Performance: 98% sensitivity and 99.9% specificity ¹
Storage Conditions: All kit components stored at room temperature (15–25° C)	

Part Numbers

BioFire BCID Panel Reagent Kit (30 Pouches): RFIT-ASY-0126	BioFire BCID Panel Reagent Kit (6 Pouches): RFIT-ASY-0127
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BioFire® FilmArray® Meningitis/Encephalitis (ME) Panel

14 Targets. ~1 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)

YEAST

Cryptococcus neoformans/gattii

BioFire ME Panel Specifications

Sample Type: Cerebrospinal fluid (CSF)	Hands-on Time: Approximately 2 minutes
Sample Volume: 0.2 mL	Performance: 94.2% sensitivity and 99.8% specificity ¹
Storage Conditions: All kit components stored at room temperature (15–25° C)	

Part Numbers

BioFire ME Panel Reagent Kit (30 Pouches): RFIT-ASY-0118	BioFire ME Panel Reagent Kit (6 Pouches): RFIT-ASY-0119
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 **BioFire® FilmArray® Gastrointestinal (GI) Panel**
22 Targets. ~1 Hour.**BACTERIA**

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

Diarrheagenic *Escherichia coli*/*Shigella*
 Enteroaggregative *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)

VIRUSES

Adenovirus F40/41
 Astrovirus
 Norovirus GI/GII
 Rotavirus A
 Sapovirus (I, II, IV, and V)

PARASITES

Cryptosporidium
Cyclospora cayetanensis
Entamoeba histolytica
Giardia lamblia

BioFire GI Panel Specifications

Sample Type: Stool sample in Cary Blair	Hands-on Time: Approximately 2 minutes
Sample Volume: 0.2 mL	Performance: 98.5% sensitivity and 99.2% specificity ¹
Storage Conditions: All kit components stored at room temperature (15–25° C)	

Part Numbers

BioFire GI Panel Reagent Kit (30 Pouches): RFIT-ASY-0116	BioFire GI Panel Reagent Kit (6 Pouches): RFIT-ASY-0104
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 **BioFire® FilmArray® Respiratory Panel 2 plus (RP2plus)**
22 Targets. ~45 Minutes.**VIRUSES**

Adenovirus
 Coronavirus 229E
 Coronavirus HKU1
 Coronavirus NL63
 Coronavirus OC43
 Human Metapneumovirus
 Human Rhinovirus/Enterovirus
 Influenza A
 Influenza A/H1
 Influenza A/H1 -2009

Influenza A/H3
 Influenza B
 Middle East Respiratory
 Syndrome Coronavirus (MERS-CoV)
 Parainfluenza Virus 1
 Parainfluenza Virus 2
 Parainfluenza Virus 3
 Parainfluenza Virus 4
 Respiratory Syncytial Virus

BACTERIA

Bordetella parapertussis
Bordetella pertussis
Chlamydia (Chlamydomphila) pneumoniae
Mycoplasma pneumoniae

BioFire RP2plus Specifications

Sample Type: Nasopharyngeal swab in transport media	Hands-on Time: Approximately 2 minutes
Sample Volume: 0.3 mL	Performance: 97.1% sensitivity and 99.3% specificity ¹
Storage Conditions: All kit components stored at room temperature (15–25° C)	

Part Numbers

BioFire RP2plus Reagent Kit (30 Pouches): RFIT-ASY-0136	BioFire RP2plus Reagent Kit (6 Pouches): RFIT-ASY-0137
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**BACTERIA
(Semi-quantitative)**

Acinetobacter calcoaceticus-baumannii complex
Enterobacter cloacae complex
Escherichia coli
Haemophilus influenzae
Klebsiella aerogenes
Klebsiella oxytoca
Klebsiella pneumoniae group
Moraxella catarrhalis
Proteus spp.
Pseudomonas aeruginosa
Serratia marcescens
Staphylococcus aureus
Streptococcus agalactiae
Streptococcus pneumoniae
Streptococcus pyogenes

**ATYPICAL BACTERIA
(Qualitative)**

Chlamydia pneumoniae
Legionella pneumophila
Mycoplasma pneumoniae

VIRUSES

Adenovirus
 Coronavirus
 Human Metapneumovirus
 Human Rhinovirus/Enterovirus
 Influenza A
 Influenza B
 Middle East Respiratory Syndrome Coronavirus (MERS-CoV)
 Parainfluenza Virus
 Respiratory Syncytial Virus

**ANTIMICROBIAL
RESISTANCE GENES**

Carbapenemases

IMP
 KPC
 NDM
 OXA-48-like
 VIM

ESBL

CTX-M

Methicillin Resistance

mecA/C and MREJ (MRSA)

BioFire Pneumonia Panel *plus* Specifications

Sample Type: Sputum (including endotracheal aspirate) and bronchoalveolar lavage (BAL) (including mini-BAL)
Hands-on Time: Approximately 2 minutes
Performance: BAL-like—96.2% sensitivity and 98.3% specificity, sputum-like—96.3% sensitivity and 97.2% specificity ¹
Storage Conditions: All kit components stored at room temperature (15–25 °C)

Part Numbers

BioFire Pneumonia Panel <i>plus</i> Reagent Kit (30 Pouches): RFIT-ASY-0144	BioFire Pneumonia Panel <i>plus</i> Reagent Kit (6 Pouches): RFIT-ASY-0145
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References

¹. Data on file at BioFire Diagnostics. The stated performance is the overall aggregate performance of the prospective clinical study data presented in the IFU. Performance results are for pathogen detection only.

