



BIOMÉRIEUX

# BIOFIRE® PANELS

7 Panels. 175+ Targets. ~1 Hour.



BIOFIRE®  
RESPIRATORY 2.1 PLUS  
PANEL

23 Targets. ~45 Minutes.



BIOFIRE®  
BLOOD CULTURE  
IDENTIFICATION 2 PANEL

43 Targets. ~1 Hour.



BIOFIRE® FILMARRAY®  
GASTROINTESTINAL  
PANEL

22 Targets. ~1 Hour.



BIOFIRE® FILMARRAY®  
MENINGITIS/  
ENCEPHALITIS PANEL

14 Targets. ~1 Hour.



BIOFIRE® FILMARRAY®  
PNEUMONIA PLUS PANEL

34 Targets. ~1 Hour.



BIOFIRE®  
JOINT INFECTION  
PANEL

39 Targets. ~1 Hour.



BIOFIRE® FILMARRAY®  
TROPICAL FEVER  
PANEL

6 Targets. ~50 Minutes.

PIONEERING DIAGNOSTICS

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# BIOFIRE® RESPIRATORY 2.1 *PLUS* (RP2.1*plus*) PANEL

23 Targets. ~45 Minutes.

## VIRUSES

Adenovirus  
Coronavirus 229E  
Coronavirus HKU1  
Coronavirus NL63  
Coronavirus OC43  
Middle East respiratory syndrome coronavirus (MERS-CoV)  
Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)  
Human metapneumovirus  
Human rhinovirus/enterovirus

Influenza A virus  
Influenza A virus A/H1  
Influenza A virus A/H3  
Influenza A virus A/H1-2009  
Influenza B virus  
Parainfluenza virus 1  
Parainfluenza virus 2  
Parainfluenza virus 3  
Parainfluenza virus 4  
Respiratory syncytial virus

## BACTERIA

*Bordetella parapertussis*  
*Bordetella pertussis*  
*Chlamydia pneumoniae*  
*Mycoplasma pneumoniae*



## BIOFIRE RP2.1*plus* Panel Specifications

**Sample Type:** nasopharyngeal swab in transport media or saline

**Sample Volume:** 0.3 mL

**Storage Conditions:** all kit components stored at room temperature (15-25 °C)

**Hands-On Time:** approximately 2 minutes

**Overall Performance:** 97.1% sensitivity, 99.3% specificity<sup>1</sup>  
**SARS-CoV-2 Performance:** 98.4% PPA, 98.9% NPA<sup>2</sup>

## Part Number

**BIOFIRE RP2.1*plus* Panel Reagent Kit (30 Pouches):** 423740

1. Overall performance based on prospective clinical study for the BIOFIRE® Respiratory 2 *plus* Panel, data on file, BioFire Diagnostics.

2. Overall performance based on prospective SARS-CoV-2 clinical study for the BIOFIRE® Respiratory 2.1 *plus* Panel in comparison to 3 EUA tests, data on file, BioFire Diagnostics.

Product availability varies by country. Consult your bioMérieux representative.



# BIOFIRE® BLOOD CULTURE IDENTIFICATION 2 (BCID2) PANEL

43 Targets. ~1 Hour.

## GRAM-NEGATIVE BACTERIA

*Acinetobacter calcoaceticus-  
baumannii* complex  
*Bacteroides fragilis*  
Enterobacterales  
  *Enterobacter cloacae* complex  
  *Escherichia coli*  
  *Klebsiella aerogenes*  
  *Klebsiella oxytoca*  
  *Klebsiella pneumoniae* group  
  *Proteus* spp.  
  *Salmonella* spp.  
  *Serratia marcescens*  
*Haemophilus influenzae*  
*Neisseria meningitidis*  
*Pseudomonas aeruginosa*  
*Stenotrophomonas maltophilia*

## GRAM-POSITIVE BACTERIA

*Enterococcus faecalis*  
*Enterococcus faecium*  
*Listeria monocytogenes*  
*Staphylococcus* spp.  
  *Staphylococcus aureus*  
  *Staphylococcus epidermidis*  
  *Staphylococcus lugdunensis*  
*Streptococcus* spp.  
  *Streptococcus agalactiae*  
  *Streptococcus pneumoniae*  
  *Streptococcus pyogenes*

## YEAST

*Candida albicans*  
*Candida auris*  
*Candida glabrata*  
*Candida krusei*  
*Candida parapsilosis*  
*Candida tropicalis*  
*Cryptococcus* (*C. neoformans*/*C. gattii*)

## ANTIMICROBIAL RESISTANCE GENES

### Carbapenemases

IMP  
KPC  
OXA-48-like  
NDM  
VIM

### Colistin Resistance

*mcr-1*

### ESBL

CTX-M

### Methicillin Resistance

*mecA/C*  
*mecA/C* and MREJ (MRSA)

### Vancomycin Resistance

*vanA/B*

FDA cleared |  2797

## BIOFIRE BCID2 Panel Specifications

**Sample Type:** positive blood culture

**Hands-On Time:** approximately 2 minutes

**Sample Volume:** 0.2 mL

**Performance:** 99.0% sensitivity, 99.7% specificity<sup>3</sup>

**Storage Conditions:** all kit components stored at room temperature (15-25 °C)

## Part Number

BIOFIRE BCID2 Panel Reagent Kit (30 Pouches): RFIT-ASY-0147

BIOFIRE BCID2 Panel Reagent Kit (6 Pouches): RFIT-ASY-0148

3. Overall performance is the aggregate of the prospective, archived, and seeded data from the clinical studies. Data on file, BioFire Diagnostics.

Product availability varies by country. Consult your bioMérieux representative.



# BIOFIRE® FILMARRAY® GASTROINTESTINAL (GI) PANEL

22 Targets. ~1 Hour.

## BACTERIA

*Campylobacter* (*C. jejuni*/*C. coli*/*C. upsaliensis*)  
*Clostridioides* (*Clostridium*) *difficile* (toxin A/B)\*  
*Plesiomonas shigelloides*  
*Salmonella*  
*Vibrio* (*V. parahaemolyticus*/*V. vulnificus*/*V. 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)

\*Selective reporting available for *C. diff*

## VIRUSES

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

## PARASITES

*Cryptosporidium*  
*Cyclospora cayetanensis*  
*Entamoeba histolytica*  
*Giardia lamblia*

FDA cleared | CE<sub>2797</sub>

## BIOFIRE FILMARRAY GI Panel Specifications

**Sample Type:** stool sample in Cary Blair

**Hands-On Time:** approximately 2 minutes

**Sample Volume:** 0.2 mL

**Performance:** 98.7% sensitivity, 99.2% specificity<sup>4</sup>

**Storage Conditions:** all kit components stored at room temperature (15-25 °C)

## Part Number

**BIOFIRE FILMARRAY GI Panel Reagent Kit (30 Pouches):** RFIT-ASY-0116

**BIOFIRE FILMARRAY GI Panel Reagent Kit (6 Pouches):** RFIT-ASY-0104

4. Data on file, BioFire Diagnostics. The stated performance is the overall aggregate performance of the prospective clinical study data presented in the IFU.

Product availability varies by country. Consult your bioMérieux representative.



# 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 (EV)  
Herpes simplex virus 1 (HSV-1)  
Herpes simplex virus 2 (HSV-2)  
Human herpesvirus 6 (HHV-6)  
Human parechovirus (HPeV)  
Varicella zoster virus (VZV)

## YEAST

*Cryptococcus (C. neoformans/C. gattii)*

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## BIOFIRE FILMARRAY ME Panel Specifications

**Sample Type:** cerebrospinal fluid (CSF)

**Hands-On Time:** approximately 2 minutes

**Sample Volume:** 0.2 mL

**Performance:** 94.2% sensitivity, 99.8% specificity<sup>5</sup>

**Storage Conditions:** all kit components stored at room temperature (15-25 °C)

## Part Number

**BIOFIRE FILMARRAY ME Panel Reagent Kit (30 Pouches):** RFIT-ASY-0118

**BIOFIRE FILMARRAY ME Panel Reagent Kit (6 Pouches):** RFIT-ASY-0119

5. Overall performance based on prospective clinical study for the BIOFIRE® FILMARRAY® Meningitis/Encephalitis Panel, data on file, BioFire Diagnostics.

Product availability varies by country. Consult your bioMérieux representative.



# BIOFIRE® FILMARRAY® PNEUMONIA *PLUS* (PN*plus*) PANEL

34 Targets. ~1 Hour.

## 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 virus  
Influenza B virus  
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 FILMARRAY PN*plus* Panel Specifications

**Sample Type:** BAL-like (including mini-BAL), Sputum-like (including ETA)

**Hands-On Time:** approximately 2 minutes

**Performance:** BAL-like (including mini-BAL): 96.2% sensitivity, 98.4% specificity; Sputum-like (including ETA): 96.3% sensitivity, 97.4% specificity<sup>6</sup>

**Storage Conditions:** all kit components stored at room temperature (15-25 °C)

## Part Number

BIOFIRE FILMARRAY PN*plus* Panel Reagent Kit (30 Pouches): RFIT-ASY-0143

BIOFIRE FILMARRAY PN*plus* Panel Reagent Kit (6 Pouches): RFIT-ASY-0142

6. Overall performance based on prospective clinical study for the BIOFIRE® FILMARRAY® Pneumonia *plus* Panel, data on file, BioFire Diagnostics.

Product availability varies by country. Consult your bioMérieux representative.



# BIOFIRE® JOINT INFECTION (JI) PANEL

39 Targets. ~1 Hour.

## GRAM-POSITIVE BACTERIA

*Anaerococcus prevotii/vaginalis*  
*Clostridium perfringens*  
*Cutibacterium avidum/granulosum*  
*Enterococcus faecalis*  
*Enterococcus faecium*  
*Fingoldia magna*  
*Parvimonas micra*  
*Peptoniphilus*  
*Peptostreptococcus anaerobius*  
*Staphylococcus aureus*  
*Staphylococcus lugdunensis*  
*Streptococcus* spp.  
*Streptococcus agalactiae*  
*Streptococcus pneumoniae*  
*Streptococcus pyogenes*

## GRAM-NEGATIVE BACTERIA

*Bacteroides fragilis*  
*Citrobacter*  
*Enterobacter cloacae* complex  
*Escherichia coli*  
*Haemophilus influenzae*  
*Kingella kingae*  
*Klebsiella aerogenes*  
*Klebsiella pneumoniae* group  
*Morganella morganii*  
*Neisseria gonorrhoeae*  
*Proteus* spp.  
*Pseudomonas aeruginosa*  
*Salmonella* spp.  
*Serratia marcescens*

## YEAST

*Candida* spp.  
*Candida albicans*

## ANTIMICROBIAL RESISTANCE GENES

### Carbapenemases

IMP  
KPC  
NDM  
OXA-48-like  
VIM

### ESBL

CTX-M

### Methicillin Resistance

*mecA/C* and MREJ (MRSA)

### Vancomycin Resistance

*vanA/B*

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## BIOFIRE JI Panel Specifications

**Sample Type:** synovial fluid

**Hands-On Time:** approximately 2 minutes

**Sample Volume:** 0.2 mL

**Performance:** 91.7% sensitivity, 99.8% specificity<sup>7</sup>

**Storage Conditions:** all kit components stored at room temperature (15-25 °C)

## Part Number

**BIOFIRE JI Panel Reagent Kit (30 Pouches):** RFIT-ASY-0138

**BIOFIRE JI Panel Reagent Kit (6 Pouches):** RFIT-ASY-0135

7. Overall performance based on prospective clinical study for the BIOFIRE® Joint Infection Panel, data on file, BioFire Diagnostics.

Product availability varies by country. Consult your bioMérieux representative.



# BIOFIRE® FILMARRAY® TROPICAL FEVER (TF) PANEL

6 Targets. ~50 Minutes.

## VIRUSES

Chikungunya  
Dengue (serotypes 1,2,3 and 4)

## BACTERIA

*Leptospira* spp.

## PARASITES

*Plasmodium* spp.  
*Plasmodium falciparum*  
*Plasmodium vivax/ovale*

FDA cleared | CE<sub>2797</sub>

## BIOFIRE FILMARRAY TF Panel Specifications

**Sample Type:** Human whole blood collected in EDTA tubes

**Hands-On Time:** approximately 2 minutes

**Sample Type:** 0.2 mL

**Performance:** 95.1% Sensitivity<sup>8</sup> and 99.8% Specificity<sup>8</sup>

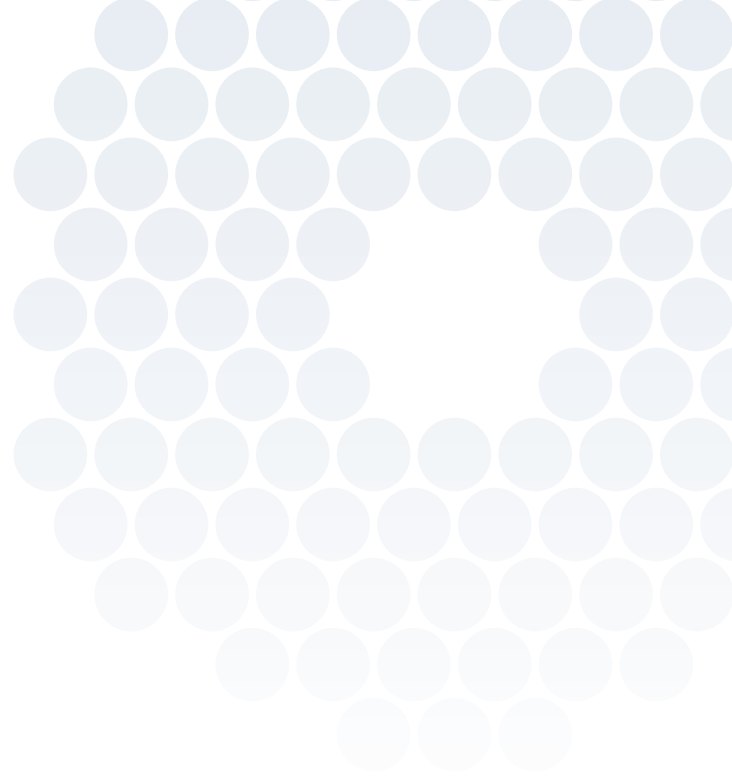
**Storage Conditions:** all kit components stored at room temperature (18-30 °C)

## Part Number

**BIOFIRE FILMARRAY TF Panel Reagent Kit (6 Pouches):** 424803

<sup>8</sup> Performance claims are based on DEN200043 (De Novo) Global Fever Panel Clinical Studies (on file at bioMérieux)

Product availability varies by country. Consult your bioMérieux representative.



Scan the QR code  
for more information.

Learn more about the BIOFIRE range of commercially-available  
panels for syndromic infectious disease diagnostics.



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Product availability varies by country. Consult your bioMérieux representative.

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