

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
Salmonella
Serratia marcescens
Haemophilus influenzae
Neisseria meningitidis
Pseudomonas aeruginosa
Stenotrophomonas maltophilia

GRAM-POSITIVE BACTERIA

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

YEAST

Candida albicans
Candida auris
Candida glabrata
Candida krusei
Candida parapsilosis
Candida tropicalis
Cryptococcus neoformans/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

BioFire BCID2 Panel Specifications

Sample Type: positive blood culture	Hands-on Time: approximately 2 minutes
Sample Volume: 0.2 mL	Performance: 99% sensitivity and 99.8% specificity ¹
Storage Conditions: all kit components stored at room temperature (15-25 °C)	

Part Number

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

US FDA-cleared | CE-marked

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 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

US FDA-cleared | CE-marked

Product availability varies by country.

Please contact your bioMérieux representative.

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1. The stated performance is the aggregate of the prospective data from the clinical study.

BFN0001-1599-01

The BioFire® FilmArray® Panels

6 Tests. All in About an Hour.

Respiratory



Pneumonia



Gastrointestinal



Bone and Joint Infection*



Blood Culture Identification



Meningitis/Encephalitis



*Investigational use only. Not for use in diagnostic procedures.

BioFire® Respiratory 2.1 plus (RP2.1plus) Panel

23 Targets/~45 Minutes

VIRUSES

Adenovirus	Human Rhinovirus/Enterovirus
Coronavirus 229E	Influenza A
Coronavirus HKU1	Influenza A/H1
Coronavirus NL63	Influenza A/H3
Coronavirus OC43	Influenza A/H1-2009
Middle East Respiratory Syndrome Coronavirus (MERS-CoV)	Influenza B
Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2)	Parainfluenza Virus 1
Human Metapneumovirus	Parainfluenza Virus 2
	Parainfluenza Virus 3

Parainfluenza Virus 4
Respiratory Syncytial Virus
Parainfluenza Virus 3
Parainfluenza Virus 4
Respiratory Syncytial Virus

BACTERIA

<i>Bordetella pertussis</i>
<i>Bordetella parapertussis</i>
<i>Chlamydia pneumoniae</i>
<i>Mycoplasma pneumoniae</i>

BioFire RP2.1 plus Panel Specifications

Sample Type: nasopharyngeal swab in transport media	Hands-on Time: approximately 2 minutes
Sample Volume: 0.3 mL	Storage Conditions: all kit components stored at room temperature (15-25 °C)
Performance: Overall 97.1% sensitivity and 99.3% specificity (prospective specimens)*	
SARS-CoV-2 98.0% sensitivity and 100% specificity (archived specimens)**	
SARS-CoV-2 100% PPA and 100% NPA (contrived specimens)***	

Part Number

BioFire RP2.1 plus (RP2.1 plus) Panel* Reagent Kit (30 Pouches): 423738
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CE-marked

*Based on the prospective portion of the clinical study for the BioFire® FilmArray® Respiratory 2 (RP2) plus Panel

**Based on the archived specimen study in the BioFire Respiratory 2.1 (RP2.1) Panel EUA submission

*** Based on the contrived specimen study in the BioFire Respiratory 2.1 (RP2.1) Panel EUA submission

BioFire® FilmArray® Pneumonia plus (PNplus) Panel

34 Targets/~1 Hour

BACTERIA

Semi-Quantitative Bacteria
<i>Acinetobacter calcoaceticus-baumannii</i> complex
<i>Enterobacter cloacae</i> complex
<i>Escherichia coli</i>
<i>Haemophilus influenzae</i>
<i>Klebsiella aerogenes</i>
<i>Klebsiella oxytoca</i>
<i>Klebsiella pneumoniae</i> group
<i>Moraxella catarrhalis</i>
<i>Proteus</i> spp.
<i>Pseudomonas aeruginosa</i>
<i>Serratia marcescens</i>
<i>Staphylococcus aureus</i>

Streptococcus agalactiae

Streptococcus pneumoniae

Streptococcus pyogenes

ATYPICAL BACTERIA

Qualitative Bacteria

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 PNplus Panel Specifications

Sample Type: sputum (including ETA), bronchoalveolar lavage	Hands-on Time: approximately 2 minutes
Performance: bronchoalveolar lavage—96.2% sensitivity and 98.3% specificity, sputum—96.3% sensitivity and 97.3% specificity ¹	
Storage Conditions: all kit components stored at room temperature (15-25 °C)	

Part Number

BioFire PNplus Panel Reagent Kit (30 Pouches): RFT-ASY-0143
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US FDA-cleared | CE-marked

BioFire® FilmArray® Gastrointestinal (GI) Panel

22 Targets/~1 Hour

BACTERIA

<i>Campylobacter (jejuni, coli, and upsaliensis)</i>
<i>Clostridium (Clostridium) difficile</i> (toxin A/B)
<i>Plesiomonas shigelloides</i>
<i>Salmonella</i>
<i>Vibrio (parahaemolyticus, vulnificus, and cholerae)</i>
<i>Vibrio cholerae</i>
<i>Yersinia enterocolitica</i>
Diarrheagenic <i>E.coli/Shigella</i>
Enterotoxigenic <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
<i>Shigella/Enteroinvasive E.coli</i> (EIEC)

VIRUSES

Adenovirus F 40/41
Astrovirus
Norovirus GI/GII
Rotavirus A
Sapovirus (I, II, IV, and V)

PARASITES

<i>Cryptosporidium</i>
<i>Cyclospora cayetanensis</i>
<i>Entamoeba histolytica</i>
<i>Giardia lamblia</i>

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): RFT-ASY-0116
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US FDA-cleared | CE-marked

BioFire® Bone and Joint Infection (BJI) Panel*

39 Targets/~1 Hour

*Investigational use only. Not for use in diagnostic procedures.

GRAM-POSITIVE BACTERIA

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

GRAM-NEGATIVE BACTERIA

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

YEAST

<i>Candida</i> spp.
<i>Candida albicans</i>

ANTIMICROBIAL RESISTANCE GENES Carbapenemases

IMP
KPC
NDM
OXA-48-like
VIM

ESBL
CTX-M

Methicillin Resistance
mecA/C and MREJ

Vancomycin Resistance
vanA/B

Proposed BioFire BJI Panel Specifications

Sample Type: synovial fluid	Hands-on Time: approximately 2 minutes
Sample Volume: 0.2 mL	Storage Conditions: all kit components stored at room temperature (15-25 °C)