



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)

VIRUSES

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

PARASITES

Cryptosporidium
Cyclospora cayetanensis
Entamoeba histolytica
Giardia lamblia

US FDA-cleared | CE

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, 99.2% specificity⁴

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

Part Number

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

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

4. Overall performance based on prospective clinical study for the BIOFIRE® FILMARRAY® Gastrointestinal Panel, data on file, BioFire Diagnostics.



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)

US FDA-cleared | CE₂₇₉₇

BIOFIRE 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% specificity⁵

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

Part Number

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

BIOFIRE 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.



BIOFIRE® FILMARRAY® PNEUMONIA *PNplus* 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 *PNplus* 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, 97.3% specificity⁶

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

Part Number

BIOFIRE *PNplus* Panel Reagent Kit (30 Pouches): RFIT-ASY-0143

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



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

US FDA-cleared |  2797

BIOFIRE JI Panel Specifications

Sample Type: synovial fluid

Hands-On Time: approximately 2 minutes

Sample Volume: 0.2 mL

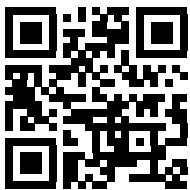
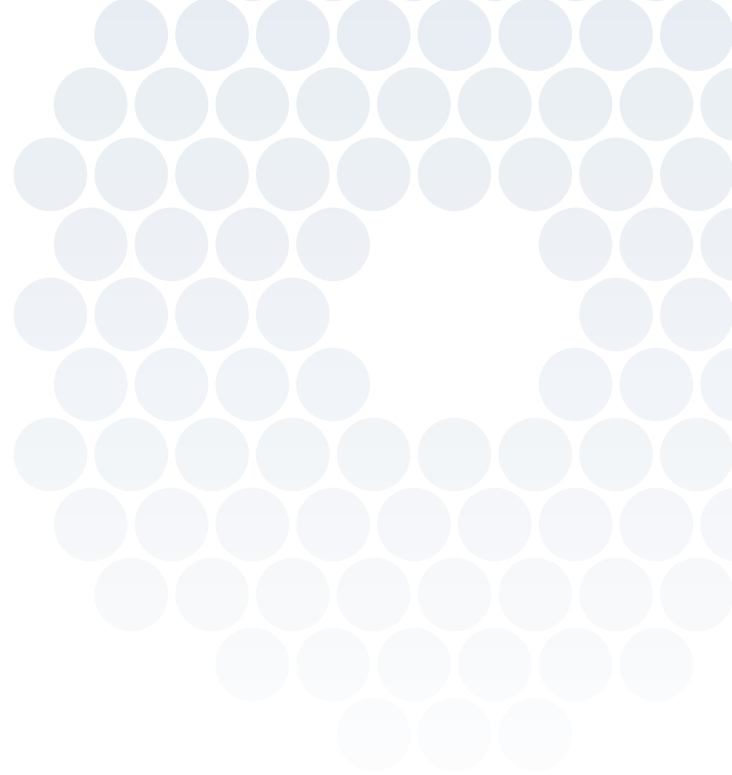
Performance: 91.7% sensitivity, 99.8% specificity⁷

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

Part Number

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

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



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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