



# BIOFIRE® JOINT INFECTION (JI) PANEL

1 Test. 39 Targets. ~1 Hour.

## GRAM-POSITIVE BACTERIA

*Anaerococcus prevotii/vaginalis*  
*Clostridium perfringens*  
*Cutibacterium avidum/granulosum*  
*Enterococcus faecalis*  
*Enterococcus faecium*  
*Finegoldia 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*

Overall Performance: 91.7% sensitivity and 99.8% specificity<sup>1</sup>

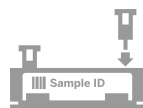
US FDA-cleared | CE<sub>2797</sub>

## Fast. Easy. Comprehensive.

The BIOFIRE Joint Infection (JI) Panel tests for a comprehensive grouping of gram-positive and gram-negative bacteria, yeast, and antimicrobial resistance genes most often associated with joint infections.



0.2 mL  
synovial fluid



Approximately 2 minutes  
of hands-on time



Results in about  
an hour



Multiple results  
in one report



## Comprehensive Panel Menu

The BIOFIRE® JI Panel menu has 39 targets, encompassing several common causes of joint infections, as well as relevant antimicrobial resistance markers. The test targets difficult-to-grow anaerobes and fastidious pathogens.



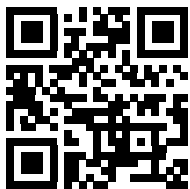
## Potential to Improve Patient Management

Using PCR technology, the BIOFIRE JI Panel identifies bacteria, yeast, and antimicrobial resistance genes. Fast, accurate results on these targets may provide clinicians with the information they need to make crucial decisions, such as admission, therapy, and surgical intervention.

### Panel Information

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

**BIOFIRE JI Panel 30 Pouch Kit:** RFIT-ASY-0138



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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### References

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

Product availability varies by country. Please contact your local bioMérieux representative for details.