



## Health Program & Insurance Guide for the BIOFIRE® Joint Infection (JI) Panel

bioMérieux developed the following health program & insurance guide for laboratories that administer the BIOFIRE® Joint Infection (JI) Panel, which is FDA-cleared for the simultaneous qualitative detection and identification of bacteria, yeast, and potentially associated markers of antimicrobial resistance from synovial fluid obtained from individuals suspected to have a joint infection such as septic arthritis and prosthetic joint infections in the United States. We describe below our current understanding of the coverage, coding and payment for administering the BIOFIRE JI Panel as of: September 1, 2022.

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### About the BIOFIRE FILMARRAY Joint Infection Panel

The BIOFIRE JI Panel, for use with the BIOFIRE® FILMARRAY® 2.0 or BIOFIRE® FILMARRAY® TORCH systems, is a qualitative multiplexed nucleic acid-based *in vitro* diagnostic test capable of the simultaneous detection and identification of bacteria, yeast, and potentially associated markers of antimicrobial resistance from synovial fluid obtained from individuals suspected to have a joint infection. We describe below our current understanding of coverage, coding, and payment for administering the BIOFIRE JI Panel.

The BIOFIRE JI Panel is intended for the detection and identification of the following organism types and subtypes:

Gram Positive Bacteria		Gram Negative Bacteria	
<i>Anaerococcus prevotii/vaginalis</i>	<i>Peptostreptococcus anaerobius</i>	<i>Bacteroides fragilis</i>	<i>Klebsiella pneumoniae</i> group
<i>Clostridium perfringens</i>	<i>Staphylococcus aureus</i>	<i>Citrobacter</i>	<i>Morganella morganii</i>
<i>Cutibacterium avidum/granulosum</i>	<i>Staphylococcus lugdunensis</i>	<i>Enterobacter cloacae</i> complex	<i>Neisseria gonorrhoeae</i>
<i>Enterococcus faecalis</i>	<i>Streptococcus</i> spp.	<i>Escherichia coli</i>	<i>Proteus</i> spp.
<i>Enterococcus faecium</i>	○ <i>Streptococcus agalactiae</i>	<i>Haemophilus influenzae</i>	<i>Pseudomonas aeruginosa</i>
<i>Finegoldia magna</i>	○ <i>Streptococcus pneumoniae</i>	<i>Kingella kingae</i>	<i>Salmonella</i> spp.
<i>Parvimonas micra</i>	○ <i>Streptococcus pyogenes</i> (Group A)	<i>Klebsiella aerogenes</i>	<i>Serratia marcescens</i>
<i>Peptoniphilus</i>			
Antimicrobial Resistance Genes		Yeast	
Carbapenemases	ESBL	<i>Candida</i> spp.	
○ IMP	○ CTX-M	○ <i>Candida albicans</i>	
○ KPC	Methicillin Resistance		
○ NDM	○ <i>mecA/C</i> and MREJ (MRSA)		
○ Oxa-48-like	Vancomycin Resistance		
○ VIM	○ <i>vanA/B</i>		

The BIOFIRE JI Panel is for use by trained medical and laboratory professionals in a laboratory setting or under the supervision of a trained laboratory professional.

The BIOFIRE JI Panel is indicated as an aid in the diagnosis of joint infections and results are meant to be used in conjunction with other clinical and laboratory findings. Positive results do not rule out co-infection with organisms not included in the BIOFIRE JI Panel. The BIOFIRE JI Panel is not intended to monitor treatment for joint infection.

For more information on the BIOFIRE JI Panel, please consult the Instructions for Use located at: <https://www.biofiredx.com/support/documents/>.



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### Coverage

Coverage is a payer's determination that items and services are medically necessary for a patient and may be included under the patient's health insurance benefits. Coverage varies by payer. Healthcare providers should consult with individual payers regarding their coverage policies, including any applicable coverage criteria or documentation requirements.

For more information on Medicare and select state Medicaid programs coverage of the BIOFIRE® JI Panel, please consult CodeMap <http://www.codemap.com/biofiredx>.

### Coding

Coding enables healthcare providers to communicate to payers the items and services furnished to a patient in order to obtain payment for those items and services. It is the sole responsibility of the healthcare provider to determine the most appropriate codes to report on a claim, upon consultation of specific payer policies.

Based on currently available information, the BIOFIRE JI Panel may be described by the following CPT code:

**CPT code 87999** – Unlisted microbiology procedure.

**DEX Z-Code™: Z01WQ\*** – Joint Infection (JI) Panel

*\*Tests using CPT® code 87999 will also require a Z-code, pursuant to MoIDX.*

### Payment

Payment is the amount that a payer renders to a healthcare provider for furnishing items and services to a patient. Patients may also have cost-sharing obligations, including deductibles, coinsurance or copayments, depending on their health insurance benefits. Payment amounts vary by payer and by geographic location, and are frequently updated, but are generally an allowable amount minus any patient cost-sharing amount. Healthcare providers should consult with individual payers regarding applicable current allowable amounts.

For more information on Medicare and select state Medicaid programs' allowable rates for the BIOFIRE JI Panel, please consult CodeMap <http://www.codemap.com/biofiredx>. Medicare rate limits can also be found on the CMS website within the Clinical Laboratory Fee Schedule (CLFS) section; the CLFS is updated quarterly.

It is recommended that healthcare providers consult with individual payers regarding allowable amounts for the BIOFIRE JI Panel. Allowable information can be found in your participating provider agreements with your payers or you can access your payers' online provider resources. For customers that are employees or part of health systems and or Hospitals, please contact your Revenue Cycles Management or Managed Care departments.

### Additional Information

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*To ensure compliance with Federal and State laws and regulations, including HIPAA, bioMérieux is unable to provide specific billing guidance, and/or support with patient appeals.*

*bioMérieux does not recommend codes for specific cases. bioMérieux does not promote the off-label use of its diagnostic tests.*

*For more information regarding bioMérieux or the BIOFIRE JI Panel, please visit our website: [www.biomerieux-diagnostics.com](http://www.biomerieux-diagnostics.com).*