

8/25/2025
Laboratory Update

**Joint Infection Panel, Molecular available 8/27/2025
For Synovial Fluids with Culture**

Dear Healthcare Provider,

We're excited to share that beginning August 27, 2025, TriHealth Labs will offer the **Joint Infection Panel PCR** as an adjunct test for synovial fluid specimens submitted with a body fluid culture. This advanced molecular test enables faster detection of common pathogens and select resistance markers—supporting more timely and targeted treatment when infection is suspected.

Important Ordering Guidance:

- Please order the Joint Infection Panel **concurrently** with the synovial fluid culture.
- This test is only available at TriHealth and must be submitted **with the culture and gram stain**.
- Specimens sent to PLP for plated culture **cannot be reliably retrieved** for add-on testing, so simultaneous submission is essential for efficient processing.

NEW TEST: LAB606 Joint Infection Panel

ACCEPTABLE SPECIMENS: Synovial fluid only

TURN AROUND TIME: Within 24 hours of receipt at the Bethesda North or Good Samaritan lab.

RESULT TYPE: Detected/ Not Detected for the following targets:

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

For questions or concerns, please contact me at sajini_mathew@trihealth.com or 513-862-1604.
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