

**UNITYPOINT HEALTH - MERITER LABORATORIES**  
**TEST ANNOUNCEMENT**  
**BioFire Blood Culture Identification 2 (BCID2) Panel**

**10/15/2024**

Starting October 28<sup>th</sup>, 2024, molecular testing on positive blood cultures will switch to the BioFire Torch platform. This test is intended to be run on blood cultures that are flagged as positive by an automated blood culture instrument that has bacteria or yeast present on gram stain. This test will be run on each new positive blood culture bottle for organisms except Gram Positive Bacilli.

- If *Listeria* is suspected, notify Client Services.
- This test is not orderable outside of the Microbiology Department.
- Results for this test will no longer be reported under the blood culture accession but will be reported under a separate Blood Cult Film Array order.

The BCID2 Panel identifies 26 bacterial targets, 7 yeast targets, and 10 antimicrobial resistance genes:

<b>Gram Positive Bacteria</b>		
<i>Enterococcus faecalis</i>	<i>Staphylococcus</i> spp.	<i>Streptococcus</i> spp.
<i>Enterococcus faecium</i>	<i>Staphylococcus aureus</i>	<i>Streptococcus agalactiae</i> (Group B)
<i>Listeria monocytogenes</i>	<i>Staphylococcus epidermidis</i>	<i>Streptococcus pneumoniae</i>
	<i>Staphylococcus lugdunensis</i>	<i>Streptococcus pyogenes</i> (Group A)
<b>Gram Negative Bacteria</b>		
<i>Acinetobacter calcoaceticus-baumannii</i> complex		<i>Enterobacterales</i>
<i>Bacteroides fragilis</i>		<i>Enterobacter cloacae</i> complex
<i>Haemophilus influenzae</i>		<i>Escherichia coli</i>
<i>Neisseria meningitidis</i> (encapsulated)		<i>Klebsiella aerogenes</i>
<i>Pseudomonas aeruginosa</i>		<i>Klebsiella oxytoca</i>
<i>Stenotrophomonas maltophilia</i>		<i>Klebsiella pneumoniae</i> group
		<i>Proteus</i> spp.
		<i>Salmonella</i> spp.
		<i>Serratia marcescens</i>
<b>Yeast</b>		
<i>Candida albicans</i>	<i>Candida krusei</i>	<i>Cryptococcus neoformans/gattii</i>
<i>Candida auris</i>	<i>Candida parapsilosis</i>	
<i>Candida glabrata</i>	<i>Candida tropicalis</i>	

<b>Antimicrobial Resistance Genes</b>				
CTX-M	KPC	<i>mecA/C</i>	NDM	<i>vanA/B</i>
IMP	<i>mcr-1</i>	<i>mecA/C</i> and MREJ (MRSA)	OXA-48-like	VIM

	<b>Current Reporting</b>	<b>New Reporting</b>
<b>Test Name</b>	Blood Culture PCR-Verigene Platform	Blood Culture 2 Panel-Torch Platform
<b>Epic EAP</b>	NA	NA
<b>Results Reported</b>	Blood Culture	Blood Cult FilmArray
<b>Specimen</b>	Positive Blood Culture Vial	Positive Blood Culture Vial

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 If you have any questions, please call the UnityPoint Health - Meriter Laboratories Client Services Department at 608-417-6529 or 1-800-236-0465.