

## TRAINING UPDATE

**Lab Location:** SGMC & WOMC  
**Department:** Core

**Date Distributed:** 8/25/2021  
**Due Date:** 9/25/2021

### DESCRIPTION

**Name of procedure:**

## **BioFire FilmArray® Blood Culture Identification Panel (BCID) Target vs. Gram Reaction AG.F622.1**

**Description of change(s):**

This chart was created because there have been several cases where the direct blood culture Gram stain and the BCID did not match and the Gram stain was incorrect.

**It is intended as an aid to verify the gram and organism ID match. Note:** The BCID and Bactec SOPs already include statements to verify this.

### ***BCID SOP***

Section 3.2 and 12 of BCID

Results are intended to be interpreted in conjunction with Gram stain results.

### ***BACTEC SOP***

Section 10.5

Compare Gram Stain morphology with BCID instrument report, if any targets are detected.

If consistent, then report out gram stain.

If gram and ID do not correlate, then review gram stain again with another tech to make a determination. If needed consult with Group Lead/Tech in Charge.

**This chart will be implemented September 1, 2021**

**Document your compliance with this training update by taking the quiz in the MTS system.**

**BioFire FilmArray® Blood Culture Identification Panel (BCID) Target vs. Gram Reaction**

Target	Expected Gram reaction
<b>Gram Positive Bacteria</b>	
<i>Enterococcus</i>	gram positive cocci
<i>Listeria monocytogenes</i>	gram positive rods
<i>Staphylococcus</i>	gram positive cocci in clusters
<i>Staphylococcus aureus</i>	gram positive cocci in clusters
<i>Streptococcus</i>	gram positive cocci in chains
<i>Streptococcus agalactiae</i> (GpB)	gram positive cocci in chains
<i>Streptococcus pneumoniae</i>	gram positive cocci in chains
<i>Streptococcus pyogenes</i> (GpA)	gram positive cocci in chains
<b>Gram Negative Bacteria</b>	
<i>Acinetobacter baumannii</i>	gram negative rods
<i>Enterobacteriaceae</i>	gram negative rods
<i>Enterobacter cloacae</i> complex	gram negative rods
<i>Escherichia coli</i>	gram negative rods
<i>Klebsiella oxytoca</i>	gram negative rods
<i>Klebsiella pneumoniae</i>	gram negative rods
<i>Proteus</i>	gram negative rods
<i>Serratia marcescens</i>	gram negative rods
<i>Haemophilus influenzae</i>	gram negative rods
<i>Neisseria meningitidis</i>	gram negative diplococci
<i>Pseudomonas aeruginosa</i>	gram negative rods
<b>Yeast</b>	
<i>Candida albicans</i>	yeast
<i>Candida glabrata</i>	yeast
<i>Candida krusei</i>	yeast
<i>Candida parapsilosis</i>	yeast
<i>Candida tropicalis</i>	yeast