



## Staph ID/R Blood Culture Panel Data Sheet

Catalog Number	300785		
Suggested CPT code	87150x3 (x4 if <i>mecA</i> status is reported)		
Sample Type	Positive blood cultures containing Gram-positive cocci in singles or clusters		
Sample Stability	18 hrs at 15°- 30°C or 72 hrs at 2°- 8°C		
Kit Storage	2°- 8°C		
Intended Use	The panel is performed directly on positive blood culture specimens identified as positive by continuous monitoring blood culture system that demonstrated the presence of organisms as determined by Gram stain to contain Gram-positive cocci in clusters (GPCC) or Gram-positive cocci in singles (GPC).		
Hands-on Time	Less than 1 min		
TTR	~2 hours		
Overall Performance	<b>Species</b>	<b>PPA</b>	<b>NPA</b>
	<i>S. aureus</i>	98.6%	99.5%
	<i>mecA</i> with <i>S. aureus</i>	96.3%	98.9%
	<i>S. lugdunensis</i>	100%	99.9%
	<i>mecA</i> with <i>S. lugdunensis</i>	N/A	100%
	<i>Staphylococcus</i> species OTHER than <i>S. aureus</i> or <i>S. lugdunensis</i>	98.9%	97.2%
	<i>mecA</i> with <i>Staphylococcus</i> species OTHER than <i>S. aureus</i> or <i>S. lugdunensis</i>	92.7%	96.2%
Analytes	<i>S. aureus</i> , <i>S. lugdunensis</i> , other <i>Staphylococcus</i> species to the genus level, and Methicillin Resistance gene ( <i>mecA</i> ).		
Limit of Detection (LoD)	1.5x10 <sup>5</sup> – 8.2x10 <sup>5</sup> CFU/mL (Refer to Package Insert for details)		
CLIA Categorization	Moderate complexity		
Technology	PCR amplification (NAAT)		
Recommended External Positive Controls	<p>Control strains for all assay targets are commercially available from ATCC.</p> <ul style="list-style-type: none"> <li>• Grow organisms according to manufacturer's instructions.</li> <li>• Resuspend, dilute and store in blood culture media.</li> <li>• Recommended strains: <ul style="list-style-type: none"> <li>○ <i>Staphylococcus aureus</i>, <i>mecA</i> present (ATCC 33592)</li> <li>○ <i>Staphylococcus epidermidis</i>, <i>mecA</i> absent (ATCC 700583)</li> <li>○ <i>Staphylococcus lugdunensis</i>, <i>mecA</i> absent (ATCC 49576)</li> <li>○ <i>Staphylococcus epidermidis</i>, <i>mecA</i> present (ATCC 700562)</li> <li>○ <i>Staphylococcus capitis</i>, <i>mecA</i> absent (ATCC 35661)</li> </ul> </li> </ul>		
Recommended External Negative Controls	Confirmed negative blood culture or pure blood culture medium.		
Pipette	50µL fixed volume (provided)		
Recommended Pipette Tips	200µL sterile barrier tips <ul style="list-style-type: none"> <li>• Fisher Catalog Number: 07-200-504 (extended length)</li> <li>• Fisher Catalog Number: 02-682-255</li> <li>• Bioexpress Catalog Number: P-1237-200</li> <li>• Cardinal Catalog Number: CHTF140200</li> </ul>		

Please refer to Package Insert for more detailed information.