



## Stool Bacterial Pathogens Panel Data Sheet

Catalog Number	GBSBPP-10
Recommended CPT codes	87505, 87506 if O157 status is reported
Sample Type	Cary Blair or C&S preserved stool specimens
Sample Stability	5 days at 2° - 8°C, 4 hours at RT (raw stool preserved < 2 hrs of receipt)
Kit Storage	2° - 8°C
Intended Use	The test is performed directly from Cary Blair or C&S medium preserved stool specimens from symptomatic patients with suspected acute gastroenteritis, enteritis, or colitis in hospital laboratories
Hands-on Time	1 minute
TAT	~2 hours
Positive % Agreement	See Package Insert
Negative % Agreement	
Targets	<ul style="list-style-type: none"> <li>• <i>Campylobacter</i> (<i>jejuni</i> and <i>coli</i> species)</li> <li>• <i>Salmonella</i> species</li> <li>• <i>Shigella</i> species</li> <li>• Shiga toxin 1 (<i>stx1</i>)</li> <li>• Shiga toxin 2 (<i>stx2</i>)</li> <li>• <i>E. coli</i> O157 serogroup (reported if <i>stx</i> positive)</li> </ul>
Limit of Detection (LoD)	See Package Insert
Reported Result	“Detected” or “Not Detected” for each analyte. ( <i>E. coli</i> O157 status is “Not Tested” unless <i>stx1</i> and/or <i>stx2</i> are positive.)
CLIA Categorization	Moderate Complexity
Technology	PCR amplification
Recommended External Positive Controls	Microbiologics Catalog Number 5253P: Stool Bacterial Pathogens Verification and QC Panel ( <a href="http://www.microbiologics.com/5253P">http://www.microbiologics.com/5253P</a> ) Grow organisms according to manufacturer instructions and store in pure Cary Blair or C&S media. Process as you would a patient specimen.
Recommended External Negative Controls	<ul style="list-style-type: none"> <li>• Pure Cary Blair or C&amp;S preservation media (or)</li> <li>• Known negative sample</li> </ul>
Pipette	250µl fixed volume (provided)
Recommended Pipette Tips	1000-1250µL sterile filter pipette tips <ul style="list-style-type: none"> <li>• Bioexpress Catalog Number 1237-1250</li> <li>• VWR Catalog Number 16466-008</li> <li>• Fisher Catalog Number 07-200-503</li> <li>• Cardinal Catalog Number CH112XNLR (or) CR4809 (or) CHTF112100</li> </ul>
Suggested Preservation Media	<ul style="list-style-type: none"> <li>• Fisher Catalog Number 23-290147: Para-Pak C&amp;S Medium</li> <li>• Fisher Catalog Number 23-005-47: Protocol Cary Blair Medium</li> <li>• MCC Catalog Number 2805-05: C&amp;S Medium</li> <li>• Cardinal Catalog Number U2295-26: Para-Pak Enteric Plus</li> </ul>