Gram-Negative QuickFISH®

Differentiate *Pseudomonas aeruginosa* from *Escherichia coli* and *Klebsiella pneumoniae* in 20 Minutes

Blood Culture Contains a Gram-Negative, Which Species Is It?

Gram-negative bacteria account for approximately 20% of all positive blood cultures.¹ Many of these organisms are associated with high mortality rates due to increasing resistance. For example, studies have shown that there is a greater mortality rate associated with delays in patient management for *P. aeruginosa*.² Since Gram-negative bacteria encompass many organisms, rapid pathogen identification can be helpful to clinicians in order to provide better patient management sooner.

QuickFISH is Fast Enough to Report Pathogen ID with the Gram Stain

- Save time and money by using as a first line detection method and identify Gram-negative organisms sooner.
- Results 1-3 days earlier than conventional methods.
- Allows for better patient management by offering rapid pathogen ID.

<table>
<thead>
<tr>
<th>Gram Stain</th>
<th>QuickFISH (20 Min. Pathogen ID)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><em>E. coli</em></td>
</tr>
<tr>
<td></td>
<td><em>K. pneumoniae</em></td>
</tr>
<tr>
<td></td>
<td><em>P. aeruginosa</em></td>
</tr>
<tr>
<td></td>
<td>Mixed Positive</td>
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</tbody>
</table>

Species Distribution

- Other GNRs 19%
- E. coli 35%
- P. aeruginosa 15%
- K. pneumoniae 20%

www.AdvanDx.com

www.OpGen.com
QuickFISH Benefits
The Ease and Simplicity of QuickFISH Allows Labs to Use as a First Line Detection Tool for Pathogen Identification of Positive Blood Cultures

- **FAST**
  20 minute turn-around time allows labs to report the pathogen ID with the Gram stain result

- **EASY**
  5 minutes of hands-on time and a universal slide with integrated positive and negative controls allows for an easier workflow

- **ACCURATE**
  Greater than 95% sensitivity and specificity

QuickFISH — Simple Test with Big Results
Reducing Turn-around Time to Pathogen Identification Can Help Reduce Patient Length of Stay, Lower Hospital Costs and Provide Better Patient Management

<table>
<thead>
<tr>
<th>Positive Blood Culture</th>
<th>Gram Stain Call</th>
<th>Standard ID LIS/Fax</th>
</tr>
</thead>
<tbody>
<tr>
<td>16-24 hours</td>
<td></td>
<td>+8-72 hours</td>
</tr>
<tr>
<td><strong>QuickFISH</strong></td>
<td><strong>Gram Stain + Pathogen ID Call</strong></td>
<td></td>
</tr>
</tbody>
</table>

Find out how your patients can benefit from QuickFISH at www.alphalabs.co.uk