Rapid detection and differentiation of the five most common carbapenemases produced by Enterobacterales and Pseudomonas aeruginosa.
We all know the threat of antimicrobial resistance is real. It’s time to fight back!

Introducing NG-Test® CARBA 5

NG-Test® CARBA 5 is the only rapid, multiplex, phenotypic test capable of detecting KPC, OXA-48-like, VIM, IMP, and NDM carbapenemases produced by Enterobacterales and P. aeruginosa.

Cost effective - Per test, NG-Test® CARBA 5 is more economical than molecular methods.

Accurate - NG-Test® CARBA 5, unlike molecular methods, detects the gene expression which can be crucial to aiding therapeutic decisions.

20/pk.............................CARBA5

5 simple steps!

1. Buffer
   2 drops

2. Collect sample

3. Mix sample

4. Pipette sample
   100 µL

5. 100 µL

With NG-Test® CARBA 5 you don’t need to guess. Simply perform the test from bacterial culture and in 15 minutes you’ll save more than money; you’ll be saving lives.

Find what you’re looking for more quickly than ever before.


HardyDiagnostics.com/CARBA5
Performance of NG-Test® CARBA 5 vs. the comparator method

<table>
<thead>
<tr>
<th>Plate</th>
<th>Organism Group</th>
<th>NG-Test® CARBA 5</th>
<th>Reference method</th>
<th>Percent Agreement¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>5% Sheep’s Blood and MacConkey agar</td>
<td><em>Enterobacterales</em> and <em>Pseudomonas aeruginosa</em></td>
<td>169</td>
<td>169</td>
<td>100.00% Positive agreement</td>
</tr>
<tr>
<td></td>
<td></td>
<td>137</td>
<td>144</td>
<td>95.1% Negative agreement</td>
</tr>
<tr>
<td></td>
<td></td>
<td>306</td>
<td>313</td>
<td>97.8% Overall agreement</td>
</tr>
<tr>
<td>HardyCHROM™ CRE agar</td>
<td><em>E. coli</em>, KES</td>
<td>284</td>
<td>284</td>
<td>100% Positive agreement</td>
</tr>
<tr>
<td></td>
<td></td>
<td>74</td>
<td>82</td>
<td>90.2% Negative agreement</td>
</tr>
<tr>
<td></td>
<td></td>
<td>358</td>
<td>366</td>
<td>97.8% Overall agreement</td>
</tr>
</tbody>
</table>

¹After discrepant analysis, the overall percent agreement increased to 100% for NG-Test® CARBA 5 results for all organisms tested from each plate type.

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**Example of interpretation**

- **Negative**
- **VIM Positive**
- **INVALID** No control line
- **INVALID** No control line

---

**Identification process from bacterial culture**

1. **Stool / Urine / Biological samples**
2. **Selective medium** *18-24H* 15 min
3. **NG-Test CARBA 5**

*The validated media is Blood, MacConkey, and/or HardyCHROM™ CRE Agar*
Hardy Diagnostics has a Quality Management System that is certified to ISO 13485 and is a FDA licensed medical device manufacturer.

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