RAPIDEC® CARBA NP Test Instructions:

Rehydration:
1. Remove the strip from its packaging
2. Open an ampule of API® Suspension medium
3. Pipette 100 μL into wells a, b, c
4. Place an incubation lid on the test strip and leave for 4-10 minutes at room temperature (15-25°C)

Lysis:
1. Gently mix the contents of well b using a stirring stick
2. Place the test strip on top of the two-colored (black and white) support card
3. Inoculate well c with colonies to be tested
4. Mix well and add colonies until the turbidity of well c matches well b
5. Place an incubation lid on the test strip and leave for 30 minutes at room temperature (15-25°C)

Hydrolysis:
1. Transfer 25 μL from well c to wells d and e
2. Transfer 25 μL from well a to wells d and e
3. Place an incubation lid on the test strip and incubate for 30 minutes at 33-38°C

Interpretation of Results:
1. At the end of the 30 minute incubation period, place the test strip on the two-colored (black and white) support card and remove the incubation lid to perform the initial reading. If a color change from red to yellow, light orange, orange or dark orange is observed in well e, the result is positive and the test is complete
2. If no color change is observed, continue the incubation at 33-38°C for up to 2 hours and perform a final reading

Contents of the kit:
- RAPIDEC® CARBA NP test strips (10)
- API® Suspension medium 2 ml (10)
- Incubation lids (10)
- 1 pack of stirring sticks
- 1 two-colored (black and white) support

Note: Package insert and reading guide are downloadable from the bioMérieux technical library.

For more information, please visit our website: www.biomerieux-usa.com/rapidec

To place an order, visit www.biomerieuxDIRECT.com

Same-day carbapenemase detection with results in 30 minutes to 2 hours.
Enhance your antimicrobial stewardship program with same-day carbapenemase detection.

FDA 510(k) cleared RAPIDEC® CARBA NP is a phenotypic (in vitro) diagnostic test for the qualitative detection of carbapenemase enzymes in Enterobacteriaceae and Pseudomonas aeruginosa. Everything needed to perform the test is provided in an easy to use kit and interpretation of results is simply detecting a change in color on the test strip.

**Ready to use**
Standardized protocol with internal control

**Easy to perform**
All-inclusive test kit

**Results when you need them**
In just 30 minutes to 2 hours

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**RAPIDEC® CARBA NP Reading Guide**

Place the strip on the two-colored (black and white) support. Position wells a and e on the white background to facilitate reading. Remove the incubation lid. Reading is performed by comparing the colors in wells a and e, ensuring that the strip is firmly flattened against the two-colored (black and white) support.

A test is positive when a significant variation in color is observed between the two wells.

For correct interpretation, please refer to the following table.

<table>
<thead>
<tr>
<th>Control well (a)</th>
<th>Test well (e)</th>
<th>Interpretation</th>
</tr>
</thead>
<tbody>
<tr>
<td>red</td>
<td>red</td>
<td>Negative (absence of carbapenemase)</td>
</tr>
<tr>
<td>orange</td>
<td>orange</td>
<td>Positive (presence of carbapenemase)</td>
</tr>
<tr>
<td>red</td>
<td>yellow, light orange, orange, dark orange</td>
<td></td>
</tr>
<tr>
<td>orange</td>
<td>yellow</td>
<td></td>
</tr>
<tr>
<td>any color other than red or orange</td>
<td>Not applicable</td>
<td></td>
</tr>
</tbody>
</table>

* An Uninterpretable result should be retested. If the retest yields an uninterpretable result, consider testing with an alternate method to determine carbapenemase status of the isolate.

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**Well** | **Reagents**
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a | Phenol red solution
b | Turbidity control
c | Lysis buffer
d | Control well without imipenem
e | Reaction well containing imipenem