



## RAPIDEC® CARBA NP Test Instructions:

### Rehydration:

1. Remove the strip from its packaging
2. Open an ampule of API® Suspension medium
3. Pipette 100 uL 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 uL from well **c** to wells **d** and **e**
2. Transfer 25 uL 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

Same-day carbapenemase detection with results in 30 minutes to 2 hours.



RAPIDEC® CARBA NP  
Ref. 417824

### 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

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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](http://www.biomerieux-usa.com/rapidec)

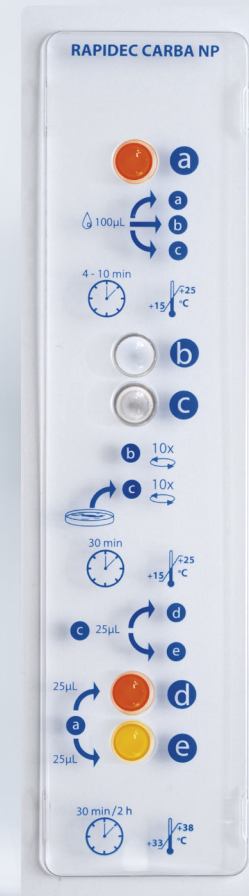
To place an order, visit

[www.biomerieuxDIRECT.com](http://www.biomerieuxDIRECT.com)

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## RAPIDEC® CARBA NP CARBAPENEMASE DETECTION

A simple and efficient test for carbapenemase detection in *Enterobacteriaceae* and *Pseudomonas aeruginosa*.



PIONEERING DIAGNOSTICS

## 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

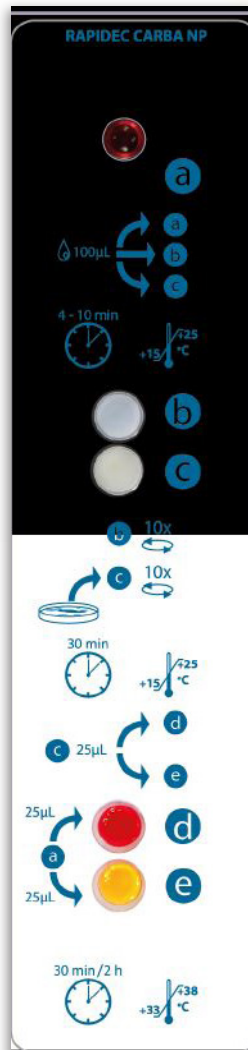
Standardized protocol with internal control

## Easy to perform

All-inclusive test kit

## Results when you need them

In just 30 minutes to 2 hours



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

## RAPIDEC® CARBA NP

## Reading Guide

IVD

Place the strip on the two-colored (black and white) support. Position wells **d** and **e** on the white background to facilitate reading. Remove the incubation lid. Reading is performed by comparing the colors in wells **d** 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.

Control well <b>d</b>	Test well <b>e</b>	Interpretation
red	red	Negative (absence of carbapenemase)
orange	orange	
red	yellow, light orange, orange, dark orange	Positive (presence of carbapenemase)
orange	yellow	
any color other than red or orange	<b>Not applicable</b>	*Uninterpretable
orange	red	

\* 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.

