

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

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

©2018 bioMérieux, Inc. • BIOMÉRIEUX, the BIOMÉRIEUX logo, API, and RAPIDEC CARBA NP are used pending and/or registered trademarks belonging to bioMérieux or one of its subsidiaries, or one of its companies. • Patents: www.biomerieux-usa.com/patents • PRN 17-0175-00

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

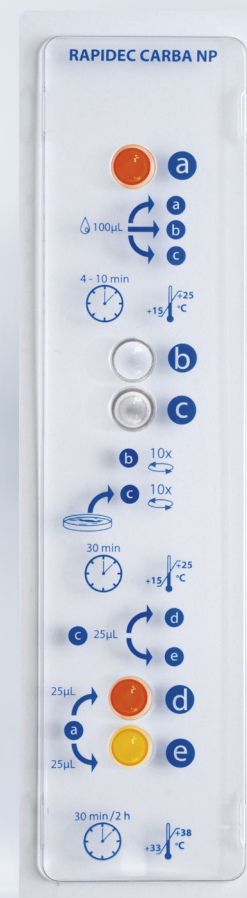
To place an order, visit

www.biomerieuxDIRECT.com

bioMérieux, Inc. • 100 Rodolphe Street • Durham, NC 27712
Tel. : (800) 682-2666 • Fax : (800) 432-9682
www.biomerieux-usa.com

RAPIDEC® CARBA NP CARBAPENEMASE DETECTION

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



PIONEERING DIAGNOSTICS

RAPIDEC® CARBA NP

CARBAPENEMASE DETECTION

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

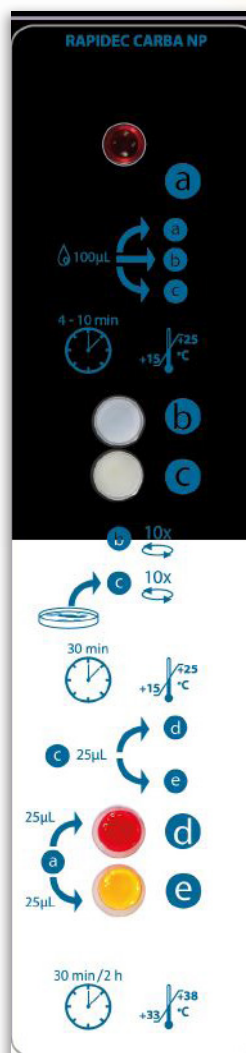
Standardized protocol with internal control

Easy to perform

All-inclusive test kit

Results when you need them

In just 30 minutes to 2 hours



RAPIDEC® CARBA NP

Reading Guide

IVD

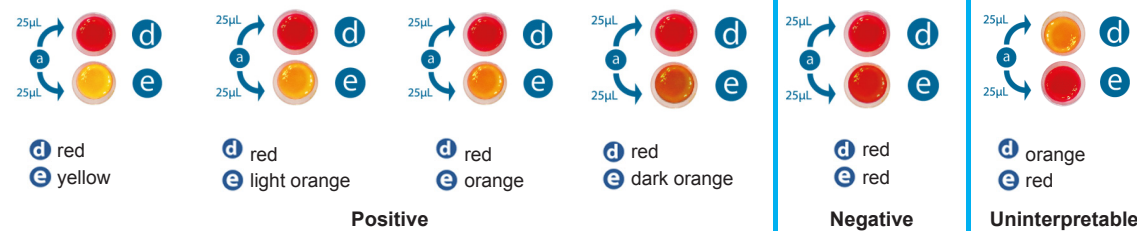
Place the strip on the two-colored (black and white) support. Position wells **d** and **e** on the white background to facilitate reading. Remove the incubation lid. Reading is performed by comparing the colors in wells **d** and **e**, ensuring that the strip is firmly flattened against the two-colored (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 d	Test well e	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	Not applicable	
orange	red	*Uninterpretable

* 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.



Positive

Negative

Uninterpretable

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