



**Microbiology**

**RAPID  
POLYMYXIN NP**



## **RAPID DETECTION OF POLYMYXIN RESISTANCE IN ENTEROBACTERIACEAE**

- ◆ Reliable regardless of the molecular mechanism of resistance (MCR1 and others)
- ◆ Excellent correlation with the reference broth microdilution method
- ◆ Detection from colonies or directly from positive blood cultures
- ◆ Threshold of 2mg/L recommended by EUCAST
- ◆ Fast results in 2 - 4 hours



# RAPID POLYMYXIN NP

## ▶ PRINCIPLE

The **RAPID POLYMYXIN NP** test have been designed for detecting Polymyxin resistance and susceptibility of *Enterobacteriaceae*, from colonies grown on agar plates or directly from positive blood cultures. This liquid method relies on the rapid and easy visualization of colorimetric reactions.

## ▶ METHODOLOGY

### 1 Preparation of the negative control

Add into the negative Control well 75  $\mu$ L of non-inoculated RP Medium and 25  $\mu$ L of non-inoculated RP NaCl.

### 2 Preparation of the bacterial suspension

▶ **Test conducted on colonies isolated on agar**  
Prick a colony and discharge it into the RP NaCl reagent.

▶ **Test conducted on positive blood culture**  
Inoculate the RP NaCl reagent with 300  $\mu$ L of mono-microbial *Enterobacteriaceae* positive blood culture.

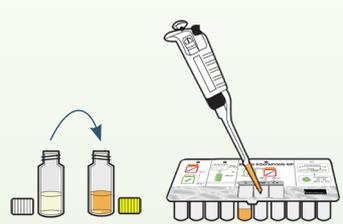
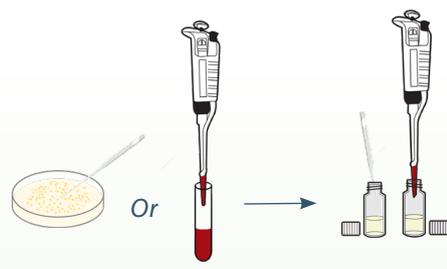
### 3 Inoculation of RP Medium and the tray

Add 500  $\mu$ L of the inoculated RP NaCl into the RP Medium. Inoculate the positive control well and the test well with 100  $\mu$ L of inoculated RP Medium.

### 4 Incubation at 36 °C for 2h-4h.

### 5 Read the results

<b>Positive</b>	<b>Negative</b>
Growth	Growth inhibited
Antibiotic not effective	Effective antibiotic
Yellow 	Orange 

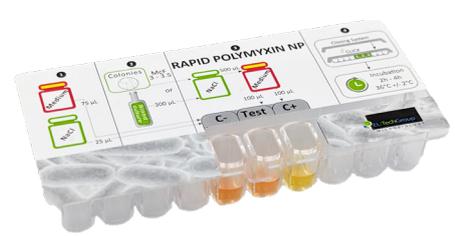


Resistance to 2 mg/L\*

\* Pictures illustrating the products are only indicative

## ▶ PRODUCT SPECIFICATIONS

- ◆ A visual protocol is stuck on each test.
- ◆ Complete kits with ready-to-use reagents
- ◆ Easy visual colorimetric reading
- ◆ Fast and cost effective method



## ▶ REFERENCE

REFERENCE	NAME	QUANTITY	SENSIBILITY	SPECIFICITY
23000	<b>RAPID POLYMYXIN NP</b>	10 tests	99.3%	94.9%



### WORLDWIDE OFFICES

Please contact your sales representative for terms, conditions and product availability in your country. Product(s) intended for healthcare professionals only.



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