



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

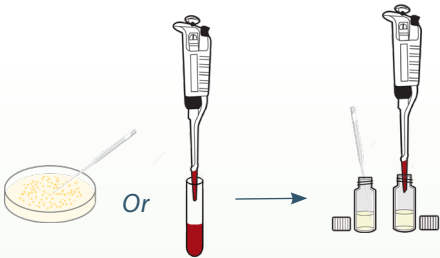
1 Preparation of the negative control

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

2 Preparation of the bacterial suspension

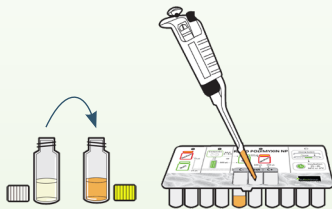
► **Test conducted on colonies isolated on agar**
Prick a colony and discharge it into the RP NaCl reagent.

► **Test conducted on positive blood culture**
Inoculate the RP NaCl reagent with 300 μ L of mono-microbial *Enterobacteriaceae* positive blood culture.



3 Inoculation of RP Medium and the tray

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



4 Incubation at 36 °C for 2h-4h.

5 Read the results

Positive	Negative
Growth	Growth inhibited
Antibiotic not effective	Effective antibiotic
Yellow	Orange



* 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	RAPID POLYMYXIN NP	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.



: ELITech Microbio (France)



Headquarters
Australia
BENELUX

+33 1 41 45 07 10
+1800 815 098
+31 313 430 500

France
New Zealand
United States

+33 4 83 36 10 82
+0800 555 611
+1 435 0752 6011



ELITechGroup
A BRUKER COMPANY

www.elitechgroup.com
em-marketing@elitechgroup.com