

# Sample preparation kit



## NG-TEST® Blood Culture PREP

Shorten the time to result in order to deliver the right treatment at the right time.

NGP-BCP-S73-021 | Kit of 20 tests 



### Faster Results, Better Outcomes

Skip the subculture step and rapidly identify resistance mechanisms, improving time-to-result for critical infections like sepsis.



### Direct Detection of ESBLs\* and Carbapenemases

Detects all five major carbapenemases (KPC, OXA-48, VIM, IMP, NDM) and ESBLs\* (CTX-M) directly from positive blood cultures.



### Streamlined Workflow

Simple and efficient sample preparation from positive blood cultures, minimizing hands-on time and enhancing laboratory workflow.

## ✓ OPTIMIZE BLOOD CULTURE PROCESSING & ENHANCE PATIENT CARE

NG-TEST® Blood Culture PREP enables faster, optimized and enhanced Bloodstream infection (BSI) management, supporting rapid and targeted antimicrobial therapy.

## ✓ PROVEN TECHNOLOGY, CLINICALLY VALIDATED

Backed by peer-reviewed studies, NG-TEST® Blood Culture PREP is validated with NG-TEST® Carba-5\*\* and NG-TEST® CTX-M Multi\*\*\* for reliable resistance detection.

\*Extended-spectrum b-lactamases

\*\* Oueslati S, Girlich D, Bernabeu S, Orlandi G, Bauby B, Francius L, Chalin A et Naas T.

Rapid detection of carbapenemase-producing Enterobacterales from positive blood cultures using the NG-TEST® blood culture PREP and the NG-TEST® CARBA 5 assays. Poster presented at: ESCMID; 2025 April; Vienna, Austria

\*\*\*Oueslati S, Visvanathan N, Orlandi G, Bauby A, Francius L, Chalin A et Naas T. Evaluation of the NG-TEST® Blood Culture PREP kit for ESBL detection directly from positive blood cultures using the NG-TEST® CTX-M MULTI lateral flow immunoassay. Poster presented at: ESCMID; 2025 April; Vienna, Austria



## Workflow comparison

Day 0	Day 1	Day 2
Blood culture*	Sub-culture*	ID AST
Blood culture*	NG-TEST® Blood Culture PREP	

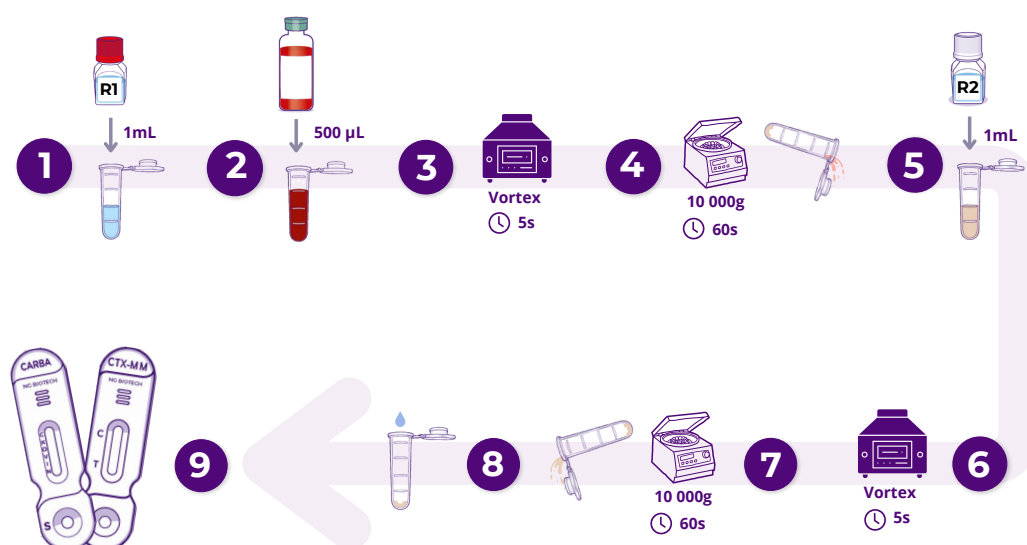
\*The duration of incubation until blood culture positivity can vary

## Performance

3 lots of NG-TEST® Blood Culture PREP were tested in combination with NG-TEST® CARBA-5 and NG-TEST® CTX-M Multi to evaluate the inter-days, inter-lots and inter-operator's reproducibility and intra-runs repeatability with positive blood culture containing positive and negative strains for CTX-M enzymes or carbapenemases.

TOTAL n=40	NG-TEST® CARBA-5		NG-TEST® CTX-M Multi	
SAMPLES	3 POSITIVES	1 NEGATIVE	2 POSITIVES	1 NEGATIVE
INTER-DAYS	100%	100%	100%	100%
INTER-OPERATORS	100%	100%	100%	100%
INTER-LOTS	100%	100%	100%	100%
INTRA-RUNS	100%	100%	100%	100%

## Operating procedure



MKT004AMR - Rev : 250404