

CARBAPENEMASE RESISTANCE DETECTION

NG-Test® CARBA-5 is a qualitative assay used to detect and differentiate the five most common carbapenemase families (NDM, IMP, VIM, OXA-48 and KPC) and their most clinically relevant variants in a bacterial colony in less than 15 minutes. It is a lateral flow immunoassay test.

- Results in 15 minutes
- Provides information for appropriate antimicrobial therapeutic choices
- Support rapid decision-making and interventions for infection control
- No device required for evaluation of test result
- Can be done directly from a positive blood culture sample
- Sensitivity 100%, Specificity 100%

NG-Test®CARBA-5 detects the following variants

- NDM Type: NDM-1-2-3-4-5-6-7-8-9-11-19
- KPC Type: KPC-1-2-3-4-5-6-7-12-14-23-28-39
- IMP Type: IMP-1-2-4-5-6-7-8-10-11-13-14-15-16-18-19-22-26-29-31-37-39-46-47-56-58-61-63-71-79
- VIM Type: VIM-1-2-4-5-6-19-23-26-27-31-39-46-51-52-54-56-58-59
- OXA-48-like: OXA-48-162-181-204-232-244-245-370-436-484-515-519-535-739

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