



Customer Story

Large London Laboratory Improves Carbapenemase Detection Workflow Using NG Test Carba 5

South West London Pathology (SWLP) provides pathology services across South West London, with the main 'hub' laboratory being based at St. George's Hospital. This leading microbiology lab is one of the most advanced in the UK, offering the newest technology and operates 24 hours a day, 7 days a week.

By implementing NG Test Carba 5, the lab reduced the cost of their carbapenemase detection as well as reduced turnaround time.

The Challenge

The busy lab performs around eighty carbapenemase tests a month from screening and clinical samples and following antibiotic sensitivity testing (AST). This was performed using a molecular assay twice a week which was slowing the time to result.

Delaying the detection of carbapenemase producing organisms may negatively impact appropriate treatment of patients and implementation of infection control measures, potentially leading to spread of resistant organisms.

"The BMS staff were impressed at how simple the test was to use. I would recommend the NG Test Carba 5 to other sites who currently do not have a method for detecting the 'big five' carbapenemases; or want to move away from ineffective workflows with molecular assays"

Microbiology, South West London Pathology

Solution

The team wanted a cost-effective diagnostic solution with comparable performance to the molecular assay without the need for an instrument. The NG Test Carba 5 offered ease of use, room temperature storage and no need for batching of samples as the tests could be performed on the lab bench throughout the day.

They verified NG Test Carba 5 against the molecular assay, with results that were in 100% agreement.



Outcome

Switching from their molecular assay to NG Test Carba 5 resulted in cost savings as well as a reduced time to result for the detection of carbapenemases.

This change may ultimately lead to better patient care through faster targeted antimicrobial therapy as well as more timely infection control measures that are critical in preventing the transmission of antibiotic resistance.

To find out more, visit www.unahealth.co.uk or scan the QR code



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