

# THE PATHCARE NEWS

## BD Kiestra™ microbiology laboratory automation

In an effort to further reduce result turnaround time and enhance the quality of the clinical microbiology service, the Pathcare Reference laboratory has recently validated and installed the InoqulA sample processing system, part of the modular BD Kiestra™ Talon system, and the first such system to be installed on the African continent.



BD Kiestra™ laboratory automation offer adaptable solutions for sample inoculation, incubation, plate imaging and reading as well as follow-up testing.

Automation improves efficiency by improving laboratory workflow, manage increased testing volumes and reducing turnaround time. BD Kiestra™ also improves the quality and accuracy of results through standardization. It provides flexibility to process urgent samples on demand, minimizing interruptions to workflow.

With the rolling magnetic bead technology, the InoqulA can generate more discrete colonies than loop-based sample streaking, which results in clear separation of individual microbial colonies and reduce the need for subcultures by up to 73% depending on the streak pattern.

This may shorten time to pathogen identification and antimicrobial susceptibility testing by up to one working day,<sup>1</sup>

1. Croxatto A, Dijkstra K, Prod'hom G, Greub G. Comparison of Inoculation with the InoqulA and WASP Automated Systems with Manual Inoculation, Microbiology 2015;(53)7.

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