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# Number To Know...3

by

PathoQuest's NGS-based diagnostic test for infectious disease can identify 3 times more pathogens than conventional tests.

PathoQuest's *iDETECT Dx* blood test for infectious disease can identify 3 times more relevant pathogens in a sample as compared to conventional tests in a recent study published in the journal *Clinical Microbiology and Infection*. iDETECT utilizes next-generation sequencing-based metagenomic methods to identify bacteria and viruses in blood samples from patients.

It differs from conventional testing methodologies because it does not require a lab to “grow” the microorganisms, and does not require microbiologists and clinicians to preselect which bacteria or viruses they want to test for. iDETECT can identify DNA and RNA sequences from bacteria and viruses present in only small quantities in blood samples, and also uses a non-targeted approach to the identification of pathogens.

*Meddevicetracker* subscribers can access more details [here](#) of the PATHOQUEST-1 study comparing iDETECT with conventional diagnostic methods.

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