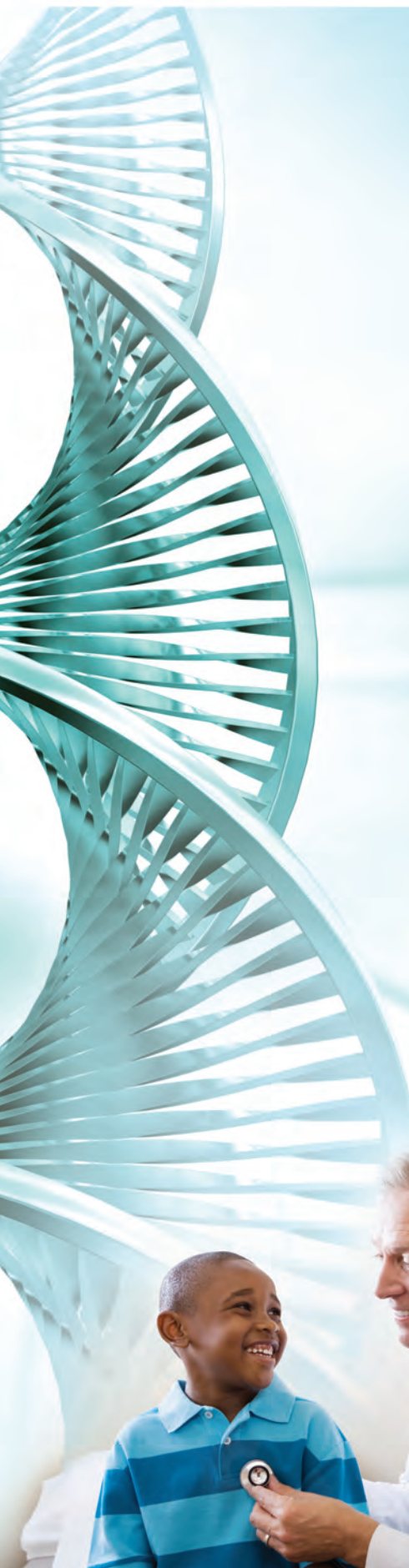


The PanNAT[®] System

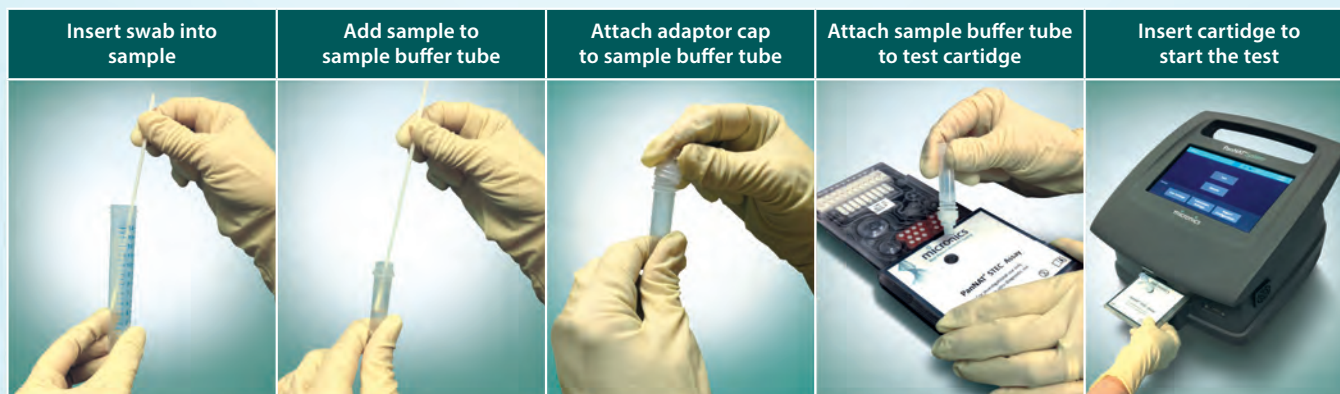
Molecular Testing for the Non-Molecular Lab

The PanNAT System is a revolutionary solution for molecular diagnostic testing. Consisting of a compact instrument and test cartridges with complete reagent integration, the PCR technology can deliver sample to result for multiple pathogens/targets simultaneously in approximately 1 hour.

- **Integrated closed test cartridge:** all reagents and controls integrated into the test cartridge; room temperature storage with minimal waste
- **Ease of use:** no sample pre-conditioning or treatment with minimal sample prep steps and unique sample transfer accessory
- **Portable:** lightweight for use across a range of settings; battery backup, Wi-Fi, no external computer required
- **Flexible:** low to high multiplexing using end point PCR with capability for real-time PCR and melt curves
- **Multiple Markets:** Designed to meet needs in CLIA highly and moderately complex sites as well as CLIA waived environments



Molecular Testing for Near Patient and STAT Applications



PanNAT System Specifications	
Size	Height: 12 inches/30.5 cm Depth: 15 inches/38 cm Width: 12 inches/30.5 cm
Weight	24 lbs./~11kg
Data Input	Color touch screen, barcode scanner, LIS/HIS
Data Output	Color display thumb drive, local network, LIS/HIS, printer
Power	110/220 v
On Board Data Storage	Up to 1000 results
Sample Volume	Less than 200 μ L
Target Detection	9 channels, 3-5 fluors Qualitative (end point); real-time PCR & melt curve capability in future
Time to Result	Approximately 1 hour
Cartridge Storage	Ambient
Cartridge Dating	Up to 12-24 months

Assays In Development

- Shiga-toxin producing E. coli (STEC) and other enteric pathogens
- STDs, respiratory pathogens, HAIs
- Other bacterial & viral pathogens

micronics
Near Patient Molecular Testing

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In development.

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