

RESULTS IN 3 TO 5 HOURS, NO BLOOD CULTURE REQUIRED

## T2CANDIDA® PANEL

RAPIDLY DETECT AND IDENTIFY CANDIDA SPECIES  
NO BLOOD CULTURE REQUIRED

At T2 Biosystems, our mission is to save lives and improve healthcare by empowering clinicians to effectively treat patients at risk for sepsis faster than ever before. Our proven T2 Magnetic Resonance (T2MR®) technology is transforming diagnostics by providing accurate and actionable information when it matters most. Today, hospitals are realizing shortened ICU and Hospital lengths of stay, reduced use of unnecessary antifungals, and increased cost savings by implementing the T2Candida® Panel. T2Candida is the only FDA-cleared and CE-marked sepsis pathogen detection panel requiring **no blood culture**, delivering faster, easier and more accurate results in 3 to 5 hours from blood draw.

Species-specific results direct from whole blood with **no blood culture** in **3 to 5 hours**

91.1% Sensitivity vs. 50% for blood culture

Species detected:

*Candida albicans*  
*Candida tropicalis*  
*Candida parapsilosis*  
*Candida krusei*  
*Candida glabrata*

Fully automated with minimal sample prep



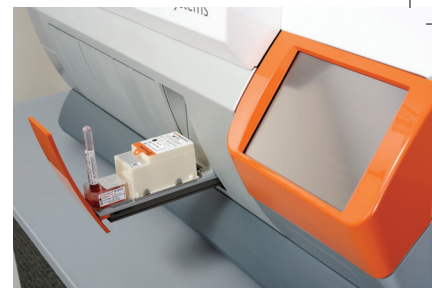
**T2**Biosystems®

## SPEED & SENSITIVITY ENABLE PATHOGEN-SPECIFIC THERAPY IN HOURS

Research has shown that the mortality rate for sepsis rises 8% every hour treatment is delayed.<sup>1</sup> Today, all diagnostics that identify sepsis-causing pathogens rely on blood culture, which is limited in speed and accuracy. Blood culture takes 2 to 5 days and misses up to half of infections.<sup>2</sup> When up to half of infections are missed, even the most accurate blood-culture-reliant diagnostic cannot detect what blood culture missed.

The T2Candida Panel identifies pathogens in 3 to 5 hours directly from patient samples. Without having to rely on blood culture growth means that clinicians can administer pathogen-specific therapy within hours of blood draw.

T2Candida is not just about speed. Again and again, the T2Candida Panel detects complex infections that blood culture missed. In cases where doctors once had no actionable information, the T2Candida Panel is enabling a partnership between labs and physicians to provide more data-driven treatment.



Hospitals like Henry Ford Health System in Michigan that use T2Candida are reporting that patients are getting on the right therapy (and off unnecessary therapy) faster. The result is shortened lengths of stay, reduced antimicrobial use and increased healthcare savings.

- Shorten hospital lengths of stay
- Reduce the use of antimicrobials
- Increase healthcare savings

### T2CANDIDA ACCURACY

**91.1%**<sup>3</sup> Sensitivity  
**99.4%**<sup>3</sup> Specificity



Blood culture demonstrates a sensitivity of 50%<sup>4</sup>

Prevalence of Disease	Negative Predictive Value (NPV)
3%	99.7%
5%	99.5%

### T2CANDIDA SPEED

AVERAGE TIME TO RESULTS

T2Candida  
**3 to 5 HRS**<sup>1</sup>



To learn more about how T2Candida Panel can help you get your patients on the right therapy faster than ever before, visit [www.t2biosystems.com](http://www.t2biosystems.com)

1. Kumar, A., Roberts, D., Wood, et. al. (2006). Critical Care Medicine, 34(6), 1589-1596.

2. Clancy, C. J., & Nguyen, M. H. (2013). Finding the "missing 50%" of invasive candidiasis: how nonculture diagnostics will improve understanding of disease spectrum and transform patient care. Clinical infectious diseases, 56(9), 1284-1292.

3. Mylonakis, E., Clancy, C.J., Ostrosky-Zeichner, L., et al. (2015). T2 Magnetic Resonance assay for the rapid diagnosis of candidemia in whole blood: a clinical trial. Clinical infectious diseases, 2015: ciu959.

4. Clancy, C. J., & Nguyen, M. H. (2013). Finding the "missing 50%" of invasive candidiasis: how nonculture diagnostics will improve understanding of disease spectrum and transform patient care. Clinical infectious diseases, 56(9), 1284-1292.

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