







# Automate your MRSA testing solution

## THE PANTHER FUSION™ MRSA ASSAY

Detects and differentiates *Staphylococcus aureus* (SA) and methicillin-resistant *Staphylococcus aureus* (MRSA) DNA from nasal swab samples.

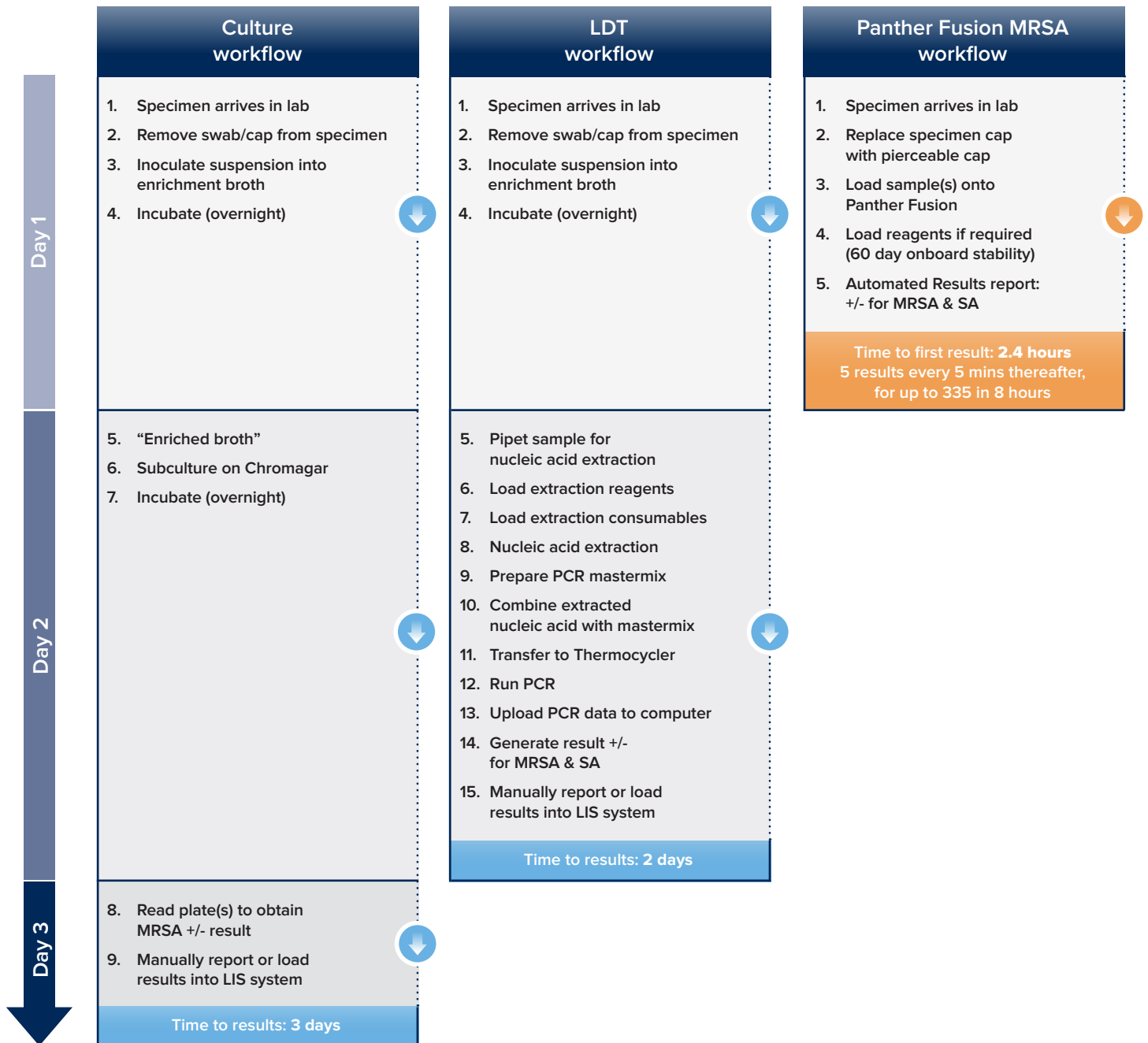
The Panther Fusion™ MRSA assay brings full automation, efficiency and excellent assay performance to MRSA screening, producing accurate and comprehensive results, providing cost efficiencies to the laboratory and allowing for better patient management.

-  Broad strain inclusivity, including the Bengal Bay clone, and correct identification of empty cassette variants.
-  Patient-specific results with Invader Plus® chemistry for the qualitative detection and differentiation of SA and MRSA.
-  Direct loading of ESwab™ nasal samples, enables fully automated sample to result processing.
-  Unit-dose lyophilized reagents eliminate reagent waste and the need for manual reagent preparation.
-  Ready-to-use, unit-dose format with 60-day onboard stability to help reduce waste.
-  Process 335 Panther Fusion tests or combine Aptima® and Panther Fusion Assays for up to 500 tests in 8 hrs.



# Fully automate your MRSA testing routine, and provide clinicians with results faster\*

The Panther Fusion™ MRSA assay leverages the benefits of the Panther Fusion™ system, with flexible workflow and improved laboratory efficiency.



Enrichment is not a mandatory step for culture and LDT but studies have shown that enrichment improves sensitivity of culture by up to 20% compared to direct culture.<sup>1</sup>

**To see how far your lab can go, contact your Hologic representative or visit [PantherFusion.com](http://PantherFusion.com)**

References: 1 H. Frickmann. Influence of broth enrichment as well as storage and transport time on the sensitivity of MRSA surveillance in the tropics. European Journal of Microbiology and Immunology 7 (2017) 4, pp. 274–277.

Diagnostic Solutions | [Hologic.com](http://Hologic.com) | [info-canada@hologic.com](mailto:info-canada@hologic.com)

SS-00701-CAN-EN REV 001 2019 Hologic, Inc. All rights reserved. Hologic, Aptima, Invader Plus, Panther Fusion and associated logos are trademarks and/or registered trademarks of Hologic, Inc. and/or its subsidiaries in the United States and/or other countries. This information is intended for medical professionals and is not intended as a product solicitation or promotion where such activities are prohibited. Because Hologic materials are distributed through websites, eBroadcasts and tradeshows, it is not always possible to control where such materials appear. For specific information on what products are available for sale in a particular country, please contact your local Hologic representative or write to [info-canada@hologic.com](mailto:info-canada@hologic.com).

\*In comparison to protocols for enrichment followed by culture or LDT  
ESwab is a trademark of Copan Diagnostics, Inc.

PANTHER  
**FUSION™** MRSA  
Assay

**PANTHER**  
FUSION™