

# BD MAX™ StaphSR

with eXTended Detection Technology for  
Newly Discovered MRSA Strains

HAI



Helping all people  
live healthy lives

## BD MAX™ StaphSR Giving You Confidence in Delivering the Best Care Possible for Pre-Surgical Screening

- eXTended detection for methicillin-resistant and susceptible *Staphylococcus aureus* (MRSA and MSSA) accurately identifies<sup>1</sup>:
  - MRSA strains with the novel *mecC* cassette and new MREJ types
  - *mecA* dropouts that can cause MRSA false positives
- Enables effective prevention strategies that can reduce SSIs by up to 60%<sup>2</sup>
- Can help both reduce the cost impact of SSIs and avoid re-admissions to the hospital<sup>3</sup>
- Promotes effective antibiotic management through targeted use of mupirocin and can avoid costly vancomycin infusions in the OR

# BD MAX™ StaphSR

Catalog Number	Product Description
443419	BD MAX™ StaphSR (24 tests)
437519	BD MAX™ PCR Cartridges

## WORKFLOW

### SIMPLY



SNAP



LOAD

and



GO

## Simple & Efficient Workflow

- Less than 1 minute of hands-on time per specimen<sup>1</sup>
- Results in about 2 hours, compared to 2-4 days for culture
- Combine StaphSR testing in the same run as MRSA, Cdiff and other assays

## Performance

In comparison to combined direct and enriched culture.<sup>1</sup>

### BD MAX™ StaphSR Performance (SA)

SA	CULTURE		TOTAL
	POS	NEG	
POS	277	60	<b>337</b>
NEG	24	635	<b>659</b>
<b>TOTAL</b>	<b>301</b>	<b>695</b>	<b>996</b>
<b>Sensitivity: 92.0%</b> <b>Specificity: 91.4%</b> BD MAX™ StaphSR performance compared to Combined (direct and enriched) Culture for SA			

### BD MAX™ StaphSR Performance (MRSA)

MRSA	CULTURE		TOTAL
	POS	NEG	
POS	68	30	<b>98</b>
NEG	5	893	<b>898</b>
<b>TOTAL</b>	<b>73</b>	<b>923</b>	<b>996</b>
<b>Sensitivity: 93.2%</b> <b>Specificity: 96.7%</b> BD MAX™ StaphSR performance compared to Combined (direct and enriched) Culture for MRSA			

For more information, please contact [BDMAX@europe.bd.com](mailto:BDMAX@europe.bd.com) or visit our website: [www.bd.com](http://www.bd.com)

1. Data on file

2. Bode (2010) Preventing Surgical-Site Infections in Nasal Carriers of *Staphylococcus aureus*. N Engl J Med 362(1):9-17

3. Van Rijen (2012) Reduced Costs for *Staphylococcus aureus* Carriers Treated Prophylactically with Mupirocin and Chlorhexidine in Cardiothoracic and Orthopaedic Surgery. PLoS ONE 7(8): e43065

BD, BD Logo and BD MAX are trademarks of Becton, Dickinson and Company. © 2013 BD  
XEUR5212-14 Printed in Europe August 2013



**BD Diagnostics**  
Tullastraße 8-12  
69126, Heidelberg,  
Germany  
[www.bd.com/de](http://www.bd.com/de)