

# Staphylococci Differentiation from Cultures



**Comprehensive information –  
fast and reliable!**



Your molecular genetic test systems for the differentiation of clinically relevant staphylococci from cultures.

- **GenoType MRSA** – »The basic test for reliable culture confirmation«
- **GenoType Staphylococcus** – »The comprehensive staphylococci culture differentiation test«

## Your benefits:

- **Efficient:** Detailed results can be obtained directly from culture samples in approximately 4 hours.
- **Comprehensive:** Besides an extensive staphylococci differentiation, the reliable detection of the resistance gene *mecA* as well as of a PVL-specific fragment is ensured. **GenoType MRSA** additionally allows for the detection of the *mecC* gene.
- **Reliable results:** The test systems are characterised by a high sensitivity and specificity.
- **User-friendly:** The simple test procedure with optional automation can easily be integrated in your daily routine and is suitable for small and large sample batches.
- **CE-IVD certified**

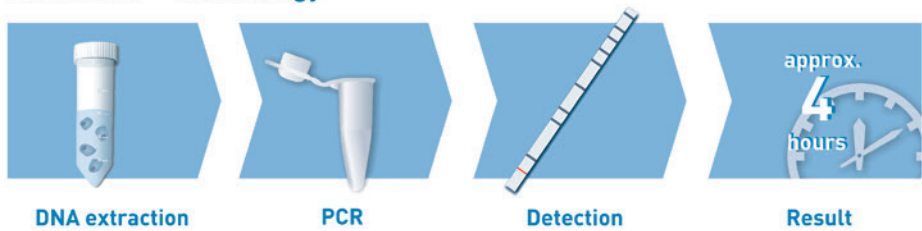
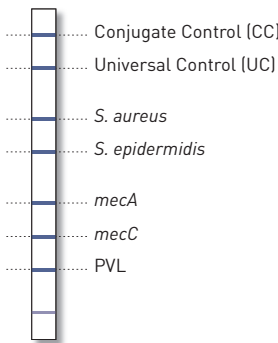
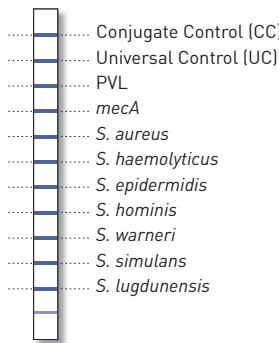
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## Facts

In addition to MRSA obtained in hospitals, *community-acquired* MRSA (CA-MRSA) are detected with increasing frequency. Due to the production of certain virulence factors such as Panton-Valentine-Leukocidin (PVL), CA-MRSA show a higher pathogenicity compared to nosocomial MRSA and can therefore cause severe infections with high morbidity and mortality rates even in patients without basic infections as well as in nursing staff.

The test systems **GenoType MRSA** and **GenoType Staphylococcus** allow for a fast and reliable differentiation of nosocomial MRSA and CA-MRSA from culture samples. Additionally, clinically relevant coagulase-negative staphylococci are detected. Besides testing for the resistance-mediating gene *mecA* **GenoType MRSA** also enables the identification of *mecC*.

## Choose your test system for a comprehensive staphylococci differentiation!

	»The basic test for reliable culture confirmation«	»The comprehensive staphylococci culture differentiation test«
<b>Test name</b>	<b>GenoType MRSA</b>	<b>GenoType Staphylococcus</b>
<b>Test principle</b>	<b>DNA-STRIP- Technology</b> 	
<b>Sample material</b>	Fresh colony material	
<b>Detection</b>	<i>S. aureus</i> and <i>S. epidermidis</i> , resistance genes <i>mecA</i> and <i>mecC</i> as well as CA-MRSA by the detection of a PVL-specific fragment.	<i>S. aureus</i> and 6 clinically relevant coagulase-negative staphylococci, resistance gene <i>mecA</i> as well as CA-MRSA by the detection of a PVL-specific fragment.
<b>Automation possible</b>	✓	✓
<b>Test result</b>		

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