



Hain Lifescience – a Bruker Company

GenoType MRSA

- Comprehensive information – fast and reliable!

Molecular genetic test system for the detection of MRSA from cultures.

Your benefits of using GenoType MRSA

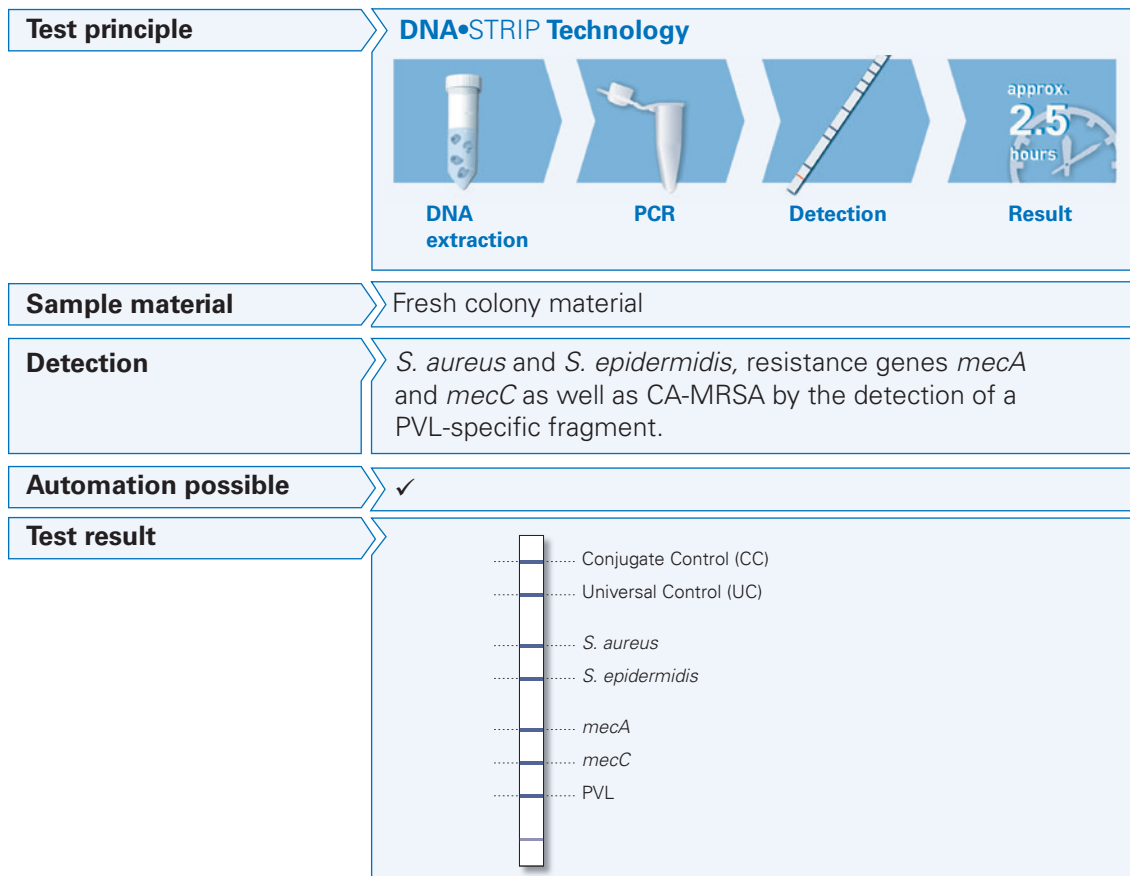
- **Efficient:** Detailed results can be obtained directly from culture samples in approximately 2.5 hours.
- **Comprehensive:** Besides staphylococci differentiation, the reliable detection of the resistance genes *mecA* and *mecC* as well as of a PVL-specific fragment is ensured.
- **Reliable results:** The test system is 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-marked:** No need for elaborate validation studies.

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 system GenoType MRSA allows a fast and reliable differentiation of nosocomial MRSA, CA-MRSA and *S. epidermidis* from culture samples. Besides testing for the resistance-mediating gene *mecA* GenoType MRSA also enables the identification of *mecC*.

GenoType MRSA – our test system for a reliable culture confirmation!



GenoType MRSA is based on the reliable DNA•STRIP technology. Within one reaction the test allows the detection of *S. aureus* and *S. epidermidis* as well as the identification of the resistance genes *mecA* and *mecC*. Additionally, the differentiation of CA-MRSA via a PVL-specific fragment is possible. The test procedure can be performed manually or automated by using the GTBlot 48.

Please contact your local representative for availability in your country. Not for sale in the USA.



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