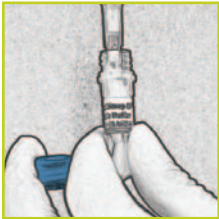


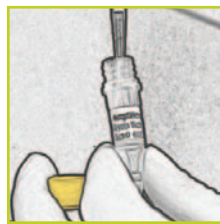
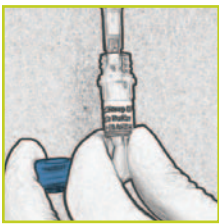
BD GeneOhm™ StaphSR

Assay Procedure* Positive Blood Culture



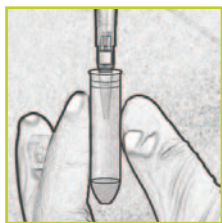
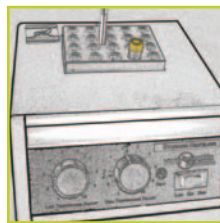
1 Specimen Preparation

- Transfer an aliquot of positive blood culture into a sample buffer tube
- Vortex at high speed



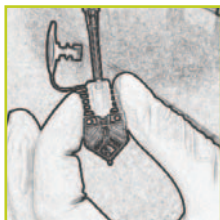
2 Lysis – DNA Extraction

- Transfer cell suspension into a lysis tube (yellow cap)
- Vortex, centrifuge briefly, then heat to inactivate potential inhibitors
- Place lysis tube on a cooling block



A

B



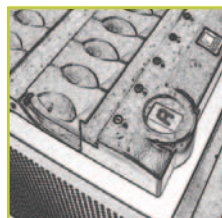
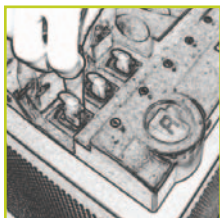
C

3 Reconstitution of Molecular Reagents

- Reconstitute 1 master mix for up to 6 samples and 2 controls
- Add diluent to lyophilized master mix (A) and transfer master mix to the reservoir of each reaction tube (C)
- Transfer lysate solution (B) to the specimen reaction tube (C)
- Add control DNA to positive control tube
- Add sample buffer (blue cap) to negative control tube
- Centrifuge all tubes briefly
- Place tubes on specially adapted cooling block until ready to load.

BD GeneOhm™ StaphSR

Assay Procedure* Positive Blood Culture



4 Real-Time PCR Analysis

- Insert each reaction tube into the instrument
- Start run and obtain results in approximately 1 hour

Assay Protocol Time < 2 Hours

Definitive Test Results

- No interpretation required
- Internal control monitors inhibition

Site	MRSA ¹		SA	
	Positive Agreement	Negative Agreement	Positive Agreement	Negative Agreement
1	100.0%	98.7%	100.0%	100.0%
2	100.0%	98.2%	100.0%	98.9%
3	100.0%	100.0%	100.0%	100.0%
4	100.0%	98.3%	98.8%	96.5%
5	100.0%	100.0%	100.0%	100.0%

Site ID	Sample ID	Assay Result	IC Result	Warning/ Error Code	Sample Type	Notes	FAM Result
A1	98670	POS	NA		SPEC		NA
A2	23444	NEG	PASS		SPEC		NA
A3	57945	NEG	PASS		SPEC		NA
A4	82455	NEG	PASS		SPEC		NA
A5	19244	NEG	PASS		SPEC		NA
A6	20295	NEG	PASS		SPEC		NA
A7	54630	Reactive	NA		SPEC		NA
A8	67832	POS	NA		SPEC		NA
A9	90231	NEG	PASS		SPEC		NA
A10	78940	NEG	PASS		SPEC		NA
A11	23008	NEG	PASS		SPEC		NA
A12	45671	NEG	PASS		SPEC		NA
A13	87399	NEG	PASS		SPEC		NA
A14	Pos Cntrl	Valid	NA		PC 1		Valid
A15	Neg Cntrl	Valid	PASS		NC 1		Valid

¹ BD GeneOhm™ package insert, BD Diagnostics, 2008



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***Not for Lab Use • See package insert for test protocol.**

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