

Antimicrobial Test Laboratories

Fast, Reliable Antimicrobial Efficacy Testing

Microbiology Study Report

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Client Information

Company Name: Advanced Vapor Technologies
Sponsor's Phone: (800) 997-6584

Sponsor: Rick Hoverson
E-mail: rick@advap.com

Test Information

Test(s) Performed: AVT LT Study #2 (Ultra-Low Contact Time Kill-Curve Generation for MRSA, VRE)
Study ID #: PT507
SOP Followed: ATL SOP C-005
Performed by: B. Tanner

Sample Information

Test Substance ID(s): SVS w/TANCS Technology
Unit ID Number: 55120401165

Parameters

Microorganism(s): MRSA 33591, VRE 51299
Subculture Number: 1
Growth Medium: Difco Nutrient Broth
Contact Time: 0, 0.5, 1, 2, and 5 seconds
Organic Soil Load: 5% Horse Serum
Neutralizer Used: 10 mL D/E Broth

Type of Carrier: Unglazed Clay Coupon
of Test Carriers: (4) Tests, 5 Carriers Each
Carrier Dry Time: 20 minutes (In Containment Hood)
CFU per Carrier: See Table, Page 2
Incubation Temp.: 35.0 (+/- 1) C
Incubation Time: 24-48 hours

Controls

Neutralized: N/A
Media Sterility: Passed, All Control Jars Neg

Growth Control: Passed - MRSA and VRE +

Test Results

of Carriers Positive: See chart, Page 2
of Carriers Negative: See chart, Page 2

Confirmation: MRSA - Blood Agar, VRE - BHI w/Van
Test(s) Valid?: Yes

Notes: For this test, methicillin-resistant *Staphylococcus aureus* and Vancomycin-resistant *Enterococcus faecalis* were tested in duplicate, with each test plated in duplicate.

Lab contact information amended 3/31/08.

Tests Completed: 7/25 (MRSA) and 8/2 (VRE)

Report Sent: 8/3/07

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Additional Study Information

Organism	CFU/Coupon				
	0 seconds	0.5 seconds	1 seconds	2 seconds	5 seconds
MRSA Rep #1	9,200,000	1,913,000	160,000	30,000	0
MRSA Rep #2	6,950,000	2,224,000	185,000	39,240	0
VRE Rep #1	51,000,000	3,820,000	340,000	61,000	0
VRE Rep #2	56,500,000	4,720,000	179,000	10,300	0

Time-Kill Chart - Steam Vapor System w/TANCS 8-3-07

