# Antimicrobial Test Laboratories Fast, Reliable Antimicrobial Efficacy Testing

## **Microbiology Study Report**

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<b>Client Information</b>							
Company Name:	Advanced Vapor Technologies	Sponsor:	Rick Hoverson				
Sponsor's Phone:	(800) 997-6584	E-mail:	rick@advap.com				
Test Information							
Test(s) Performed:	AVT Ultra Low Contact Time Experient o	n <i>E. coli</i> and Shigello	1				
Study ID #:	PT504	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):	E. coli 11229, Shigella Flexneri 12022	Type of Carrier:	Unglazed Clay Coupon				
Subculture Number:	1	# of Test Carriers:	(2) Org's, 5 carriers Each, 2 Reps.				
Growth Medium:	Difco Nutrient Broth	Carrier Dry Time:	20 minutes (In Containment Hood)				
Contact Time:	0, 0.5, 1, 2, and 5 seconds	CFU per Carrier:	See Table, Page 2				
Organic Soil Load:	5% Horse Serum	Incubation Temp.:	35.0 (+/- 1) C				
Neutralizer Used:	10 mL D/E Broth	Incubation Time:	24-48 hours				
Controls							
Neutralized:	N/A	Growth Control:	Passed				
Media Sterility:	Passed, All Control Jars Neg						
Test Results							
# of Carriers Positive:	See chart, Page 2	Confirmation:	Colony Morphology on TSA				
# of Carriers Negative:	See chart, Page 2	Test(s) Valid?:	Yes				
<b>Notes:</b> For this te	st, E. coli 11229, Shigella Flexneri 12022	2 were tested in duplic	ate, with each test plated in duplicate.				
	ted to help solidify the foundation for risk-	•	·				
Lab contact information a	<u> </u>						

**Tests Completed:** 10/21/2007 **Report Sent:** 10/22/07

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# Antimicrobial Test Laboratories

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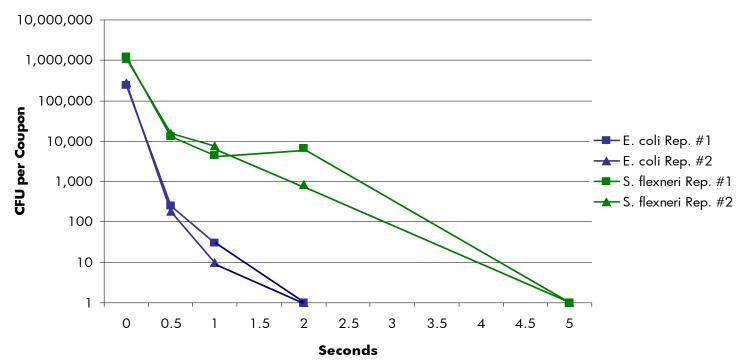
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#### **Additional Study Information**

	CFU per Coupon					
Organism	0 Seconds	0.5 Seconds	1 Second	2 Seconds	5 Seconds	
E. coli Rep. #1	240,000	250	30	0	0	
E. coli Rep. #2	280,000	180	10	0	0	
S. flexneri Rep. #1	1,190,000	12,750	4,500	6,600	0	
S. flexneri Rep. #2	1,085,000	15,900	7,450	850	0	

# Time-Kill Chart - SVS w/TANCS 10/22/07



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