

Performance Specifications and Specificity Data for Pro-Strips® and BADD™ 2012

X = No cross-reactivity - Blank Cells = N/A

Near Neighbor Strains	Type	Concentrations	Anthrax Test	Ricin Test	Botulinum Test	Y. Pestis Test	S.E.B. Test	Tularemia Test
ATCC 10702	Bacillus cereus	1x10 ⁸ cfu/ml	x			x	x	
ATCC 9372	Bacillus subtilis niger	1x10 ⁸ cfu/ml	x	x	x	x	x	x
ATCC 33679	Bacillus thuringiensis (Kurstaki)	1x10 ⁸ cfu/ml	x	x	x	x	x	x
ATCC 8185	Bacillus brevis (Migula)	1x10 ⁸ cfu/ml	x	x	x	x	x	
ATCC 35646	Bacillus thuringiensis (Israelensis)	1x10 ⁸ cfu/ml	x	x	x	x	x	
ATCC 6633	Bacillus subtilis (spizizenii)	1x10 ⁸ cfu/ml	x					
ATCC 31028	Bacillus globigii	1x10 ⁸ cfu/ml	x	x	x	x	x	x
ATCC 25972	Bacillus Licheniformis	1x10 ⁸ cfu/ml						
ATCC 14579	Bacillus cereus	1x10 ⁸ cfu/ml	x	x	x	x	x	
ATC 700872	Bacillus thuringiensis (Israelensis)	1x10 ⁸ cfu/ml	x	x	x	x	x	
	PBS	1%	x	x	x	x	x	
	Bovine Serum Albumin	10mg/ml	x	x	x	x	x	
Limits of Detection								
			Vollum = 50ng/ml or 1.55x10 ⁴ cfu/ml	10 ng/ml	Bot A 33 ng/ml	1.0 ug/ml or 1.0x10 ⁵ cfu/ml	10 ng/ml	1.4 x 10 ⁶ cfu/ml
			Ames = 83ng/ml or 3.1x10 ⁴ cfu/ml		Bot B 500 ng/ml			
			Sterne = 125ng/ml or 8.3x10 ⁴ cfu/ml					
			New Hampshire = 1.6x10 ⁸ cfu/ml					
Live Agents Tested								
	B. anthracis Vollum	DOD	Reactive to					
	B. anthracis Ames	DOD	Reactive to					
	B. anthracis Maputo	UK/MOD	Reactive to					
	B. anthracis Turkey	UK/MOD	Reactive to					
	B. anthracis USAMRID	UK/MOD	Reactive to					
	B. anthracis Sterne	DOD	Reactive to					
	B. anthracis New Hampshire	DOD	Reactive to					
Antigens Tested								
	Botulinum Toxin A	100 ug/ml	x	x	Reactive to	x	x	x
	Botulinum Toxin B	100 ug/ml	x	x	Reactive to	x	x	x
	Y.Pestis	100 ug/ml	x	x	x	Reactive to	x	x
	S.E.B.	100 ug/ml	x	x	x	x	Reactive to	x
	Ricin A Chain	100 ug/ml	x	Reactive to	x	x	x	x
	Bacillus anthracis (Vollum)	1.5x10 ⁴ cfu/ml	reactive to	x	x	x	x	x
	Tularemia	1.48x10 ⁵ CFU/ml	x	x	x	x	x	Reactive to

Common household items tested using all five tests at 1000ng/ml - No false positive results occurred

Sodium Chloride•Non-Dairy Creamer•Granulated Sugar•Household Dust•Talc Power•Non-Fat Dry Milk•Wheat Flour•Baking Soda•Baking Powder•Laundry Detergent
 •Purified Water•Corn Starch•Rapunzel Rize Baking Yeast•Red Star Active Dry Yeast•Fleischmann's Yeast•Cream Cleaner•Lemmon Cream Cleaner•Deodorant
 •Glutan-Free Flour•Organic Self Rising Flour• Plain Wheat Flour•Lactose•Ground Black Pepper•Cocoa•Free Running Table Salt•Castor Sugar•
 Icing Sugar•J&J Baby Powder•Biodegradable Laundry Powder•Artificial Sweetner•Desenex•Assorted Spices