

**Performance Specifications and Specificity Data for Pro-Strips® and BADD (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	Brucella Test	Orthopox Test	Tularemia Test
ATCC 10702	Bacillus cereus	1x10 <sup>8</sup> cfu/ml	x			x	x			
ATCC 9372	Bacillus subtilis niger	1x10 <sup>8</sup> cfu/ml	x	x	x	x	x	x	x	x
ATCC 33679	Bacillus thuringiensis (Kurstaki)	1x10 <sup>8</sup> cfu/ml	x	x	x	x	x	x	x	x
ATCC 8185	Bacillus brevis (Migula)	1x10 <sup>8</sup> cfu/ml	x	x	x	x	x			
ATCC 35646	Bacillus thuringiensis (Israelensis)	1x10 <sup>8</sup> cfu/ml	x	x	x	x	x			
ATCC 6633	Bacillus subtilis (spizizenii)	1x10 <sup>8</sup> cfu/ml	x							
ATCC 31028	Bacillus globigii	1x10 <sup>8</sup> cfu/ml	x	x	x	x	x	x	x	x
ATCC 25972	Bacillus Licheniformis	1x10 <sup>8</sup> cfu/ml								
ATCC 14579	Bacillus cereus	1x10 <sup>8</sup> cfu/ml	x	x	x	x	x			
ATC 700872	Bacillus thuringiensis (Israelensis)	1x10 <sup>8</sup> cfu/ml	x	x	x	x	x			
	PBS	1%	x	x	x	x	x			
	Bovine Serum Albumin	10mg/ml	x	x	x	x	x			
<b>Limits of Detection</b>										
			Vollum = 50ng/ml or 1.55x10 <sup>4</sup> cfu/ml	10 ng/ml	Bot A 33 ng/ml	50 ng/ml or 1.8x10 <sup>4</sup> cfu/ml	10 ng/ml	1.98x10 <sup>5</sup> cfu/ml	6.36x10 <sup>7</sup> U/ml	1.4x10 <sup>6</sup> cfu/ml
			Ames = 83ng/ml or 3.1x10 <sup>4</sup> cfu/ml		Bot B 500 ng/ml			3.96x10 <sup>5</sup> cfu/ml		
			Sterne = 125ng/ml or 8.3x10 <sup>4</sup> cfu/ml							
			New Hampshire = 1.6x10 <sup>8</sup> cfu/ml							
<b>Live Agents Tested</b>										
	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							
<b>Antigens Tested</b>										
	Botulinum Toxin A	100 ug/ml	x	x	Reactive to	x	x	x	x	x
	Botulinum Toxin B	100 ug/ml	x	x	Reactive to	x	x	x	x	x
	Y.Pestis	100 ug/ml	x	x	x	Reactive to	x	x	x	x
	S.E.B.	100 ug/ml	x	x	x	Reactive to	x	x	x	x
	Ricin A Chain	100 ug/ml	x	Reactive to	x	x	x	x	x	x
	Bacillus anthracis (Vollum)	1.5x10 <sup>4</sup> cfu/ml	reactive to	x	x	x	x	x	x	x
	Tularemia	1.48x10 <sup>6</sup> cfu/ml	x	x	x	x	x	x	x	Reactive to
	Orthopox Strain CN:00810310CF TCID <sub>50</sub>	6.36x10 <sup>7</sup> U/ml	x	x	x	x	x	x	Reactive to	x
	Brucella suis 1330	1.98x10 <sup>5</sup> cfu/ml	x	x	x	x	x	Reactive to	x	x
	Brucella abortus 544	3.96 x 10 <sup>5</sup> cfu/ml	x	x	x	x	x	Reactive to	x	x
	Bacillus sterne 34F2	1 x 10 <sup>8</sup> cfu/ml	Reactive to	x	x	x	x	x	x	x

**Common household items tested using all five tests at 1000ng/ml - No false positive results occurred (Version 6/2023)**

Sodium Chloride•Non-Dairy Creamer•Granulated Sugar•Household Dust•Talc Power•Non-Fat Dry Milk•Wheat Flour•Baking Soda•Baking Powder•Laundry Detergent

•Puified 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