

IDENTIFICATION OF *BACILLUS ANTHRACIS*, *BRUCELLA SPP.*, AND *COXIELLA BURNETII* DNA SIGNATURES FROM BUSHMEAT

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Supplemental Table 1. List and sequences of primers and probes for pathogen detection.

Target	name	Nucleotide sequence (5' -3')		Probe [6FAM]	Quenchers	PCR conditions
		Forward	Reverse			
<i>Bacillus anthracis</i>	<i>Protective Antigen (PA) p XO1</i>	TTCAAGTTGTACT GGACCGATTCTC	TCCATCATTGTC ACGGTCTGG	CCGTAGGTCCAGCAC TTGTACTTCGCTT	TAMRA	95°C for 2 min, followed by 45 cycles of 95°C for 10 sec and 60°C for 20 sec
	<i>Capsule B (CAPB2) p XO2</i>	GCTGACCAATCTA AGCCTGC	GGCAAACATCC CTAGCAAA	TTGTAATTATGAATT GCCGCCCTGACC		
<i>Brucella sp.</i>	Outer Membrane Protein 2b (OMP2b)	ATGAACATCAAGA GCCTTCTCCTT	GGTGCCCGGAAT GTAGAAGTAG	TCTGGTTGCAGCTTC	NFQ-MGB	95°C for 2 min followed by 45 cycles of 95°C for 10 sec and 60°C for 30 sec
<i>Coxiella burnetii</i>	Insertion Element IS1111	AATTTTCATCGTTC CCGGCAG	GCCGCGTTTACT AATCCCA	TGTCGGCGTTTATTG GGTTGGTCCC	TAMRA	96°C for 2 min, followed by 45 cycles of 96°C for 5 sec and 60°C for 1 min