Table S1. Target genes, sequences and product sizes used for diagnostic PCRs.

Pathogen	Targe genet	Name; µM	Sequence 5´-3´	Product size (bp)	Nr. of PCRs cycles (conditions)
L. interrogans	*secY*	G1; 0. 5	CTG AAT CGC TGT ATA AAA GT	285	35 (1.5 min at 94°C, 5 min
serovar Pomona Pomona[1]		G2; 0. 5	GGA AAA CAA ATG GTC GGA AG		at 55 °C, 1min, at 72 °C)
B. melitensis	*IS711*	BMEL; 0. 4	AAATCGCGTCCTTGCTGGTCTGA	732	35 (75 sec at 94 °C, 120 sec
		IS711; 0. 4	TGCCGATCACTTAAGGGCCTTCAT		at 55. 5 °C, 12 sec at 72 ºC)
S. Abortusequi[2]	invA gene	139-F; 0. 4	GTGAAATTATCGCCACGTTCGGGCAA	284	35 (30 sec at 95 °C, 30 sec at
		141-F; 0. 4	TCATCGCACCGTCAAAGGAACC		60°C, 30 sec at 72 °C)
Eimeria spp.[3]	18S rDNA	ERIB1; 1. 0	ACCTGGTTGATCCTGCCAG	1800	30 (30 sec at 94 °C, 30 sec at
		ERIB10; 1. 0	CTTCCGCAGGTTCACCTACGG		57 °C, 2 min at 72 °C)
Leishmania spp.[4]	Minicircle	13A; 1. 12	GTGGGGGAGGGGCGTTCT	116	35 (1 min at 94 °C, 1 min at
	Kinetoplast	13B; 1. 12	ATTTTACACCAACCCCCAGTT		58 °C, 1 min at 72 °C)

[1] 25 U of Taq Pegasus polymerase (Productos Bio-Lógicos, Buenos Aires, Argentina) were used for amplification. DNA from pure culture of *Leptospira interrogans* serovar Pomona Pomona extracted with Chelex-100 was used as positive control whereas fresh urine was extracted with Chelex and used as negative control; [2] 1.25 U of T-plus DNA polymerase (InBio Highway) was used; [3] 1 U of T-plus DNA polymerase (InBio Highway) was added. [4] 0. 025 U/ mL of GoTaq DNA polymerase (Promega) was used.