

**Additional file 1: Table S1.** Oligonucleotides used for the molecular identification and/or characterization of *Giardia duodenalis*, *Cryptosporidium* spp., *Blastocystis* sp., and *Enterocytozoon bieneusi* in the present study.

Target organism	Locus	Oligonucleotide	Sequence (5'–3')	Reference
<i>Giardia duodenalis</i>	ssu rRNA	Probe	FAM-CCCGCGGCGGTCCCTGCTAG–BHQ1	[40]
		Gd-80F	GACGGCTCAGGACAACGGTT	[40]
		Gd-127R	TTGCCAGCGGTGTCCG	[40]
	gdh	GDHeF	TCAACGTYAAYCGYGGYTTCCGT	[41]
		GDHiF	CAGTACACCTCYGCTCTCGG	[41]
		GDHiR	GTTRTCCTTGACATCTCC	[41]
	bg	G7_F	AAGCCCGACGACCTACCCGCAGTGC	[42]
		G759_R	GAGGCCGCCCTGGATCTTCGAGACGAC	[42]
		G99_F	GAACGAACGAGATCGAGGTCCG	[42]
	tpi	G609_R	CTCGACGAGCTTCGTGTT	[42]
		AL3543_F	AAATATGCCTGCTCGTCG	[43]
		AL3546_R	CAAACCTTITCCGCAAACC	[43]
		AL3544_F	CCCTTCATCGGIGGTAACCT	[43]
		AL3545_R	GTGGCCACCACICCCGTGCC	[43]
<i>Cryptosporidium</i> spp.	ssu rRNA	CR-P1	CAGGGAGGTAGTGACAAGAA	[44]
		CR-P2	TCAGCCTTGCGACCATACTC	[44]
		CR-P3	ATTGGAGGGCAAGTCTGGTG	[44]
		CPB-DIAGR	TAAGGTGCTGAAGGAGTAAGG	[44]
	gp60	AL-3531	ATAGTCTCCGCTGTATTC	[45]
		Al-3535	GGAAGGAACGATGTATCT	[45]
		AL-3532	TCCGCTGTATTCTCAGCC	[45]
		AL-3534	GCAGAGGAACCAGCATC	[45]
<i>Blastocystis</i> sp.	ssu rRNA	BhRDr	GAGCTTTTTAACTGCAACAACG	[46]
		RD5	ATCTGGTTGATCCTGCCAGT	[46]
<i>Enterocytozoon bieneusi</i>	ITS	EBITS3_F	GGTCATAGGGATGAAGAG	[47]
		EBITS4_R	TTCGAGTTCTTTCGCGCTC	[47]
		EBITS1_F	GCTCTGAATATCTATGGCT	[47]
		EBITS2.4_R	ATCGCCGACGGATCCAAGTG	[47]