

**S4 Table. Sensitivity and specificity of microscopic examination and multiplex qPCR in detection of the targeted parasites in this study**

Final identification	No. of positive specimens	Microscopy		Multiple qPCR	
		Sensitivity (%) [95% confidence interval]	Specificity (%) [95% confidence interval]	Sensitivity (%) [95% confidence interval]	Specificity (%) [95% confidence interval]
<i>Blastocystis hominis</i>	8	0% [0.0-36.94]	100% [96.84-100.0]	100% [63.06-100.0]	[96.84-100.0]
<i>Cryptosporidium parvum</i>	1	0% [0.0-97.50]	100% [97.02-100.0]	100% [2.50-100.0]	[97.02-100.0]
<i>Clonorchis sinensis</i>	2	50% [1.26-98.74]	100% [97.00-100.0]	100% [15.81-100.0]	[97.00-100.0]
<i>Entamoeba histolytica</i> <sup>a</sup>	2	100% [15.81-100.0]	100% [97.00-100.0]	100% [15.81-100.0]	[97.00-100.0]
<i>Giardia lamblia</i> <sup>a</sup>	2	100% [15.81-100.0]	100% [97.00-100.0]	100% [15.81-100.0]	[97.00-100.0]
<i>Gymnophalloides seoi</i> <sup>a</sup>	2	0% [0.0-84.19]	100% [97.00-100.0]	100% [15.81-100.0]	[97.00-100.0]
<i>Metagonimus yokogawai</i>	0	N.A.	100% [97.00-100.0]	N.A.	[97.00-100.0]
<i>Dientamoeba fragilis</i>	0	N.A.	100% [97.00-100.0]	N.A.	[97.00-100.0]

<sup>a</sup> The six positive controls include 2 of *Entamoeba histolytica*, 2 of *Giardia lamblia*, and 2 of *Gymnophalloides seoi*; N.A. = not available.