

S2 Table. List of genomic material included in the specificity testing of all the assays.

Organism	Genomic material
Adenovirus	Adenovirus 1 (ATCC VR-1D) Adenovirus 5 (ATCC VR-5D) Adenovirus 40 (ATCC VR-931D) Adenovirus 41 (ATCC VR-930D)
<i>Aeromonas</i> spp	<i>Aeromonas hydrophila</i> (ATCC7965 and 7966) <i>Aeromonas caviae</i> (ATCC 15468) <i>Aeromonas veronii</i> (ATCC 35624)
<i>Ancylostoma duodenale</i>	Amplicon
<i>Ascaris lumbricoides</i>	Amplicon
Astrovirus	IVT RNA
<i>Bacteriodes fragilis</i>	<i>Bacteriodes fragilis</i> (ATCC 25858) <i>Bacteriodes fragilis</i> (ATCC 43858)
<i>Blastocystis</i> spp	<i>Blastocystis hominis</i> (ATCC 50608D)
<i>Clostridium difficile</i>	Clinical isolate
<i>Campylobacter</i> spp	<i>Campylobacter coli</i> (ATCC 43473) <i>Campylobacter jejuni</i> (ATCC 33291) <i>Campylobacter hyointestinalis</i> (ATCC 35217) <i>Campylobacter upsalensis</i> (ATCC BAA-1059)
<i>Cryptosporidium</i> spp	<i>Cryptosporidium hominis</i> isolate TU502 (NR-2520) <i>Cryptosporidium meleagridis</i> isolate TU1867 (NR-2521) <i>Cryptosporidium parvum</i> (Waterborne Inc)
<i>Cyclospora cayetanensis</i>	Amplicon
<i>Cystoisospora belli</i>	Amplicon
Cytomegalovirus	HCMV strain AD-169 (ATCC VR-538D)
Ebola virus	Zaire Ebola virus (NR-31806)
<i>Encephalitozoon intestinalis</i>	<i>Encephalitozoon intestinalis</i> (Waterborne Inc)
<i>Entamoeba</i> spp	<i>Entamoeba dispar</i> (clinical isolate) <i>Entamoeba bangladeshi</i> (clinical isolate) <i>Entamoeba histolytica</i> HM1 <i>Entamoeba moshkovskii</i> (clinical isolate)
<i>Enterocytozoon bieneusi</i>	Amplicon
Enterovirus	Enterovirus 71 (NR-4961)
Epstein-Barr virus	EBV infected HCC2157BL (ATCC CRL-2341D)
<i>Escherichia coli</i>	EAEC O42, EAEC JM221, EAEC 144-1-1, EAEC HS, EAEC495-1 EHEC O157:H7 EIEC O124 EPEC O127:H6 E2348/69 ETEC H10407
<i>Giardia lamblia</i>	<i>Giardia lamblia</i> assemblage A <i>Giardia lamblia</i> assemblage B
<i>Helicobacter pylori</i>	<i>Helicobacter pylori</i> (ATCC 43504)
Human herpesvirus 6	Amplicon
Human herpesvirus 7	Amplicon
<i>Listeria monocytogenes</i>	<i>Listeria monocytogenes</i> strain J0161 (NR-13342)
MS2	MS2 (ATCC 15597-B1)
<i>Mycobacterium tuberculosis</i>	<i>Mycobacterium tuberculosis</i> H37RV
<i>Necator americanus</i>	Amplicon
Norovirus GI	IVT RNA
Norovirus GII	IVT RNA
PhHV	PhHV
<i>Plesiomonas shigelloides</i>	<i>Plesiomonas shigelloides</i> (ATCC 51903D)
Rotarix	IVT RNA
RotaTeq	IVT RNA
Rotavirus	Rotavirus G1P[8] wa Rotavirus G2P[4] DS-1
<i>Salmonella enterica</i>	<i>Salmonella enterica</i> serovar collection (<i>Salmonella</i> Reference Collection B)
Sapovirus	IVT RNA, clinical samples
<i>Schistosoma mansoni</i>	<i>Schistosoma mansoni</i> strain NMRI (NR-28910)
<i>Shigella</i> spp	<i>Shigella boydii</i> (clinical isolate) <i>Shigella dysenteriae</i> (clinical isolate) <i>Shigella flexneri</i> (clinical isolate) <i>Shigella sonnei</i> (clinical isolate)
<i>Strongyloides stercoralis</i>	Amplicon
<i>Trichuris trichuria</i>	Amplicon
<i>Vibrio cholerae</i>	<i>Vibrio cholerae</i> (ATCC 9458 and 582)
<i>Vibrio parahaemolyticus</i>	<i>Vibrio parahaemolyticus</i> (ATCC 17802)

Yersinia spp

Yersinia enterocolitica (ATCC 23715)

Yersinia pseudotuberculosis (ATCC 6903)
