

Supplementary table 1. Gene targets for pathogens on the Taqman array card for intussusception screening [1].

Port	
Left	Right
Adenovirus pan (Hexon gene)	Adenovirus F (Fiber gene)
Adenovirus C (Hexon gene)	Adenovirus C (Hexon gene)
Astrovirus (Capsid gene)	Enterovirus (5' UTR)
Cytomegalovirus (Glycoprotein B)	Cytomegalovirus (Immediate early 2)
Epstein-Barr virus (DNA polymerase)	Epstein-Barr virus (DNA polymerase)
Human Herpesvirus 6 (Immediate-early gene)	Human Herpesvirus 7 (Structural phosphoprotein)
Norovirus genogroup I (ORF1-2)	Norovirus genogroup II (ORF1-2)
Rotavirus (NSP3)	Rotavirus (NSP3)
Rotarix-specific (NSP2)	Rotateq-specific (VP6)
Sapovirus (RdRp)	Clostridioides difficile (tcdA, tcbB)
MS2 (RNA extraction control; <i>MS2g1</i>)	MS2 (RNA extraction control; <i>MS2g1</i>)
<i>Campylobacter jejuni/coli</i> (cadF)	<i>Campylobacter</i> pan (Cpn60)
<i>Helicobacter pylori</i> (ureC)	<i>Salmonella enterica</i> (ttr)
18S (Manufacturer positive control)	<i>Shigella/enteroinvasive Escherichia coli</i> (<i>ipaH</i>)
<i>Yersinia enterocolitica</i> (<i>lytA</i>)	Enteroaggregative <i>Escherichia coli</i> (<i>aggR</i>)
Enteropathogenic <i>Escherichia coli</i> (<i>eae</i>)	Enteropathogenic <i>Escherichia coli</i> (<i>bfpA</i>)
Enterotoxigenic <i>Escherichia coli</i> (STh, STp)	Enterotoxigenic <i>Escherichia coli</i> (LT)
Shiga toxin-producing <i>Escherichia coli</i> (<i>stx1</i>)	Shiga toxin-producing <i>Escherichia coli</i> (<i>stx2</i>)
<i>Escherichia coli</i> O157 (<i>rfbE</i>)	<i>Giardia</i> spp. (18S rRNA)
Phocine Herpesvirus (DNA extraction control; <i>gB</i>)	Phocine Herpesvirus (DNA extraction control; <i>gB</i>)
<i>Cryptosporidium</i> spp. (18S rRNA)	<i>Entamoeba histolytica</i> (18SrRNA)
<i>Ancylostoma duodenale</i> (<i>ITS2</i>)	<i>Necator americanus</i> (<i>ITS2</i>)
<i>Ascaris lumbricoides</i> (<i>ITS1</i>)	<i>Strongyloides stercoralis</i> (Dispersed repetitive sequence)
Bacterial 16S (PCR control)	<i>Trichuris trichiura</i> (18SrRNA)

[1] Liu J, Gratz J, Amour C, et al. Optimization of Quantitative PCR Methods for Enteropathogen Detection. PLoS One 2016; 11:e0158199.