S3 Table. Pathogen targets included in TaqMan array card

|  |  |  |  |
| --- | --- | --- | --- |
| Table 3. Pathogen and control targets for multiplex qPCR using custom TaqMan Array Cards. | | | |
| Category  (N targets) | Pathogen | Target (Benin) | Target (India)[(4)](https://paperpile.com/c/zzspSi/eDfG) |
| Helminth | *Ascaris lumbricoides* | Repetitive sequence[(1)](https://paperpile.com/c/zzspSi/UXUIX) | *ITS1*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| *Necator americanus* | Repetitive sequence[(2)](https://paperpile.com/c/zzspSi/2tahT) | *-* |
| *Trichuris trichiura* | Repetitive sequence[(2)](https://paperpile.com/c/zzspSi/2tahT) | *18S*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| *Strongyloides spp.* | Repetitive sequence[(6)](https://paperpile.com/c/zzspSi/4IYu) | *-* |
| Protozoa | *Cryptosporidium spp.* | *18S*[*(5,7)*](https://paperpile.com/c/zzspSi/0YIW4+QPEz) | *18S*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| *Entamoeba histolytica* | *Ribosomal RNA*[*(8)*](https://paperpile.com/c/zzspSi/5VfX7) | *18S*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| *Cyclospora* | *ITS1*[*(9)*](https://paperpile.com/c/zzspSi/ENOHk) | *-* |
| *Giardia duodenalis* | *GDH*[*(9)*](https://paperpile.com/c/zzspSi/ENOHk) | *18S*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| Bacteria | ETEC | *Sth, Stp, LT*[*(10,11)*](https://paperpile.com/c/zzspSi/jQgIZ+YpdjX) | *LT, ST*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| STEC | *stx1, stx2*[*(11–13)*](https://paperpile.com/c/zzspSi/dDcwI+YpdjX+JO9Vi) | *stx1 , stx2*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| EPEC | *eae, bfpA* [*(11,13)*](https://paperpile.com/c/zzspSi/JO9Vi+YpdjX) | *eae, bfpA*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| EAEC | *aggR, aaiC, aatA*[*(6,14,15)*](https://paperpile.com/c/zzspSi/WoQdA+pXWFt+4IYu) | *aaiC, aatA*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| EHEC 0157:H7 | *rfbE*[*(16)*](https://paperpile.com/c/zzspSi/t41O1) | *rfbE*[*(16)*](https://paperpile.com/c/zzspSi/t41O1) |
| *Esherichia coli* | *uidA*[*(17)*](https://paperpile.com/c/zzspSi/7S9t) | *-* |
| *Escherichia coli/Shigella* | *ipaH*[*(18)*](https://paperpile.com/c/zzspSi/cvldj) | *ipaH*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| *Plesiomonas shigelloides* | *hugA*[*(19)*](https://paperpile.com/c/zzspSi/Fm1vm) | *-* |
| *Shigella flexneri* | *O-antigen*[*(20)*](https://paperpile.com/c/zzspSi/96Vpd) | *-* |
| *Salmonella typhi* | *Sty, tvib*[*(21,22)*](https://paperpile.com/c/zzspSi/R04lb+0D2z) | *invA*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| *Helicobacter pylori* | *ureC*[*(23)*](https://paperpile.com/c/zzspSi/yTR1) | *ureC*[*(23)*](https://paperpile.com/c/zzspSi/yTR1) |
| *Campylobacter jejuni/coli* | *cadF, hipO, GlyA*[*(24,25)*](https://paperpile.com/c/zzspSi/ZP2Tc+X6InX) | *cadF*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| *Vibrio cholerae* | *toxR, ctxA*[*(26)*](https://paperpile.com/c/zzspSi/lhahS) | *-* |
| *Aeromonas* | *aha1*[*(27)*](https://paperpile.com/c/zzspSi/4AdvB) | *-* |
| *Bacteroides fragilis* | *HF183, HF134, BsteriF1*[*(28,29)*](https://paperpile.com/c/zzspSi/AzUS5+yNuPe) | *-* |
| *Clostridium difficile* | *tcdB*[*(30)*](https://paperpile.com/c/zzspSi/1vimF) | *-* |
| *Yersinia enterocolitica* | *virf*[*(31)*](https://paperpile.com/c/zzspSi/5XXB) | *-* |
| Virus | Adenovirus | *FIBER, hexon*[*(6)*](https://paperpile.com/c/zzspSi/4IYu) | *Hexon*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| Astrovirus | *capsid*[*(6)*](https://paperpile.com/c/zzspSi/4IYu) | *-* |
| Enterovirus' | *5’ UTR*[*(6)*](https://paperpile.com/c/zzspSi/4IYu) | *-* |
| Norovirus | *NGI*[*(6)*](https://paperpile.com/c/zzspSi/4IYu) | *ORF1-ORF2*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| Rotavirus | *NSP3*[*(6)*](https://paperpile.com/c/zzspSi/4IYu) | *NSP3*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| Sapovirus | *-* | *RdRp*[*(5)*](https://paperpile.com/c/zzspSi/QPEz) |
| Controls | 16S (total bacteria) | *16S*[*(32)*](https://paperpile.com/c/zzspSi/VMpWs) | 16S[(5)](https://paperpile.com/c/zzspSi/QPEz) |
| 18S | *18S* | *18S* |
| CrAssphage | *orf00024*[*(33)*](https://paperpile.com/c/zzspSi/IgT1A) | - |

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