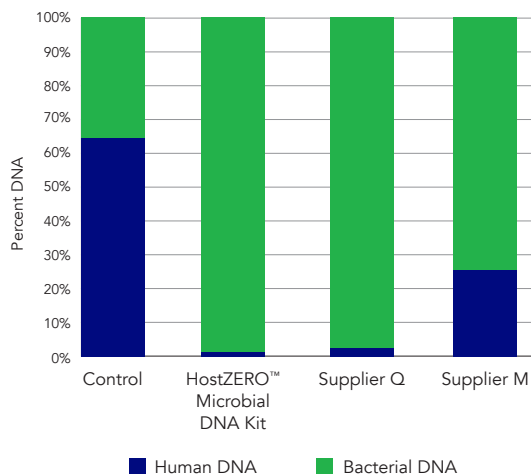


Host DNA Depletion Simplified

HostZERO™ Microbial DNA Kit

- **Depletes Host DNA:** ≥90% depletion in applicable sample types.
- **Preserves Microbial DNA:** ≥85% recovery of microbial DNA and minimum impact on microbiome profile.
- **Simple and Fast:** Only 30 minutes of hands-on time.

Best Depletion of Host DNA

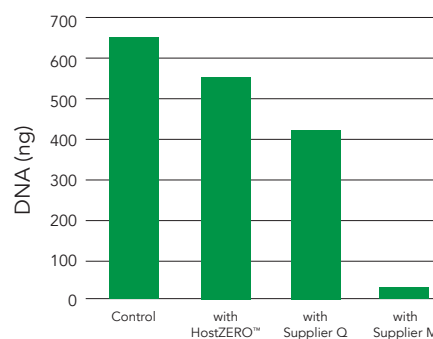


The HostZERO™ Microbial DNA Kit depletes host DNA. The same human saliva sample was processed using the HostZERO™ Microbial DNA Kit or kits from Suppliers Q and M. Triplicate samples of purified DNA were evaluated by Real-time PCR. The composition of the DNA is shown in terms of relative bacterial and human DNA abundance. The control sample was processed with the ZymoBIOMICS® DNA Microprep Kit, which extracts total DNA from the sample without host DNA depletion.

Paired with Zymo Research's unbiased purification technology, the HostZERO™ Microbial DNA Kit allows for the exclusive capture of DNA from microbial cells in biological samples.

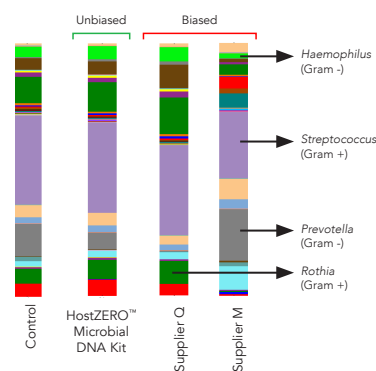
Product	Cat. No.	Size
HostZERO™ Microbial DNA Kit	D4310	50 preps

Highest Recovery of Bacterial DNA



Bacterial DNA is efficiently recovered with HostZERO™ technology. The same human saliva sample was processed using the HostZERO™ Microbial DNA Kit or kits from Suppliers Q and M. Triplicate samples of purified DNA were evaluated by Real-time PCR. The control sample was processed with the ZymoBIOMICS® DNA Microprep Kit, which extracts total DNA from the sample without host DNA depletion.

Preserves the Microbial Profile



The microbial composition is maintained in samples processed with the HostZERO™ Microbial DNA Kit. The same human saliva sample was processed using the HostZERO™ Microbial DNA Kit or kits from Suppliers Q and M. Triplicate samples of purified DNA were analyzed using 16S rRNA gene targeted sequencing using primers targeting the V3-V4 region. The resulting amplicons were sequenced on the Illumina MiSeq® (2x300bp). The control sample was processed with the ZymoBIOMICS® DNA Microprep Kit, which extracts total DNA from the sample without host DNA depletion.

