Genomic DNA from Cryptosporidium meleagridis, Isolate TU1867

Catalog No. NR-2521
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Contributor:
NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH

Product Description:
Genomic DNA was isolated from a preparation of Cryptosporidium meleagridis, isolate TU1867.

Oocysts were produced in calves, concentrated from feces and purified using a standard protocol including salt flotation and bleach treatment. To minimize contamination, Nycodenz and CsCl gradient centrifugation was also performed. Oocysts were excysted in dilute taurocholic acid. Sporozoites and/or oocysts were pelleted and resuspended in lysis buffer prior to genomic DNA isolation.

Material Provided:
Each vial contains approximately 100 ng of genomic DNA in TE buffer. The vial should be centrifuged prior to opening. The concentration in ng per µL is shown on the Certificate of Analysis.

Packaging/Storage:
NR-2521 was packaged aseptically, in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Genomic DNA from Cryptosporidium meleagridis, Isolate TU1867, NR-2521.”

Biosafety Level: 1

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References:

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