Genomic DNA from *Cryptosporidium parvum*, Isolate Iowa

**Catalog No. NR-2519**
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**For research use only. Not for human use.**

**Contributor:**
NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH

**Product Description:**
Genomic DNA was isolated from a preparation of *Cryptosporidium parvum*, isolate Iowa.

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 1 µg 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-2519 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 parvum*, isolate Iowa, NR-2519.”

**Biosafety Level:** 1

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**References:**

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