Genomic DNA from *Encephalitozoon cuniculi*, Strain CDC:V282

**Catalog No. NR-13510**

For research use only. Not for human use.

**Contributor:**
Centers for Disease Control and Prevention, Atlanta, Georgia, USA

**Manufacturer:**
BEI Resources

**Product Description:**
Genomic DNA was extracted from a preparation of *Encephalitozoon cuniculi* (E. cuniculi), strain CDC:V282 which was obtained from urine collected from an AIDS patient in Colorado, USA in 1993.¹

*E. cuniculi*, strain CDC:V282 was deposited to the ATCC® by G. S. Visvesvara of the CDC. *E. cuniculi*, strain CDC:V282 is genotype III based on PCR analyses of ITS [internal transcribed spacer of the ribosomal RNA (rRNA) gene], PTP (polar tube protein) and SWP-1 (spore wall protein-1).²

NR-13510 has been qualified for PCR applications by amplification of approximately 1200 base pairs of the 18S ribosomal RNA.

**Material Provided:**
Each vial contains 2 to 3 µg of dried genomic DNA. The contents of the vial should be rehydrated with molecular grade water or TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 7.4). The vial should be centrifuged prior to opening.

**Packaging/Storage:**
NR-13510 was packaged aseptically, in screw-capped plastic cryovials. The product is provided dried and should be stored at 4°C upon arrival. Following rehydration the product should be stored at -20°C or colder. Freeze-thaw cycles should be minimized.

**References:**

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**References:**

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