

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

**Catalog No. NR-13510**

**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.

**Lot<sup>1</sup>: 58614473**

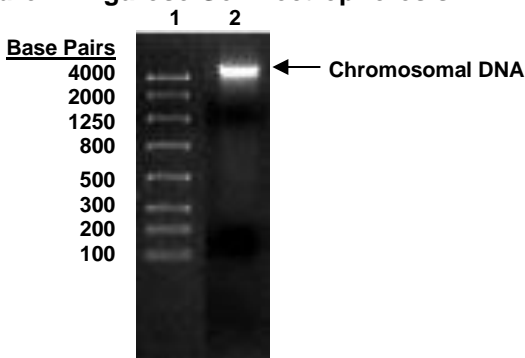
**Manufacturing Date: 26JUN2009**

TEST	SPECIFICATIONS	RESULTS
<b>Genotypic Analysis</b> Sequencing of 18S ribosomal RNA (rRNA) gene (~ 1040 base pairs)	Consistent with <i>E. cuniculi</i>	Consistent with <i>E. cuniculi</i>
<b>Agarose Gel Electrophoresis</b>	High molecular weight chromosomal DNA	High molecular weight chromosomal DNA (Figure 1)
<b>Concentration by PicoGreen<sup>®</sup> Measurement</b>	2 to 3 µg per vial	2.4 µg per vial
<b>Functional Activity by PCR Amplification</b> 18S rRNA gene	~ 1200 base pairs amplicon	~ 1200 base pairs amplicon
<b>OD<sub>260</sub>/OD<sub>280</sub> Ratio</b>	1.7 to 2.0	1.8
<b>Fungal Inactivation</b> 10% of rehydrated vial contents inoculated on African green monkey kidney epithelial cells <sup>2</sup>	No visible infection, no viable organisms observed	No visible infection, no viable organisms observed

<sup>1</sup>The fungal preparation used for extraction of genomic DNA was produced from a culture of NR-9703 (Lot 58124288). Genomic DNA was extracted using proprietary technology.

<sup>2</sup>7 days at 37°C under propagation conditions

**Figure 1: Agarose Gel Electrophoresis**



Lane 1: FlashGel<sup>®</sup> DNA Marker  
Lane 2: ~ 240 ng of NR-13510

**Date:** 28 APR 2017

**Signature:**

BEI Authentication or designee

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