

**Genomic DNA from *Toxoplasma gondii*, Strain VEG**

**Catalog No. NR-33510**

**Product Description:** Genomic DNA was isolated from *Toxoplasma gondii* (*T. gondii*), strain VEG, which was originally isolated from the blood of an AIDS patient with toxoplasmic encephalitis in California in 1989.

**Lot<sup>1</sup>: 60671922**

**Manufacturing Date: 07DEC2011**

TEST	SPECIFICATIONS	RESULTS
<b>Agarose Gel Electrophoresis</b>	High molecular weight chromosomal DNA Band	High molecular weight chromosomal DNA Band
<b>Content by PicoGreen<sup>®</sup> Measurement</b>	1 to 3 µg in 25 to 100 µL per vial	2.5 µg in 62 µL per vial (41 µg/mL)
<b>Functional Activity by PCR Amplification<sup>2</sup></b> Sequencing of uracil phosphoribosyltransferase (UPRT) intron 1	~ 560 bp amplicon	~ 560 bp amplicon
<b>Genotypic Analysis</b> UPRT intron 1 (~ 470 bp)	Consistent with <i>T. gondii</i>	Consistent with <i>T. gondii</i>
<b>OD<sub>260</sub>/OD<sub>280</sub> Ratio</b>	1.7 to 2.0	2.0
<b>Inactivation of Source Culture</b> 100% of vial contents inoculated on human foreskin fibroblast monolayers (ATCC <sup>®</sup> CRL-1634 <sup>™</sup> ) <sup>3</sup>	No viable organisms detected	No viable organisms detected

<sup>1</sup>NR-33510 was produced from a culture of NR-20730 lot 59962531. Genomic DNA was extracted using proprietary technology.

<sup>2</sup>Primer sequences and conditions for PCR are available upon request.

<sup>3</sup>Incubated in DMEM (ATCC<sup>®</sup> 30-2002) with 10% heat-inactivated fetal bovine serum in 95% air, 5% CO<sub>2</sub> for 8 days at 37°C.

**Date:** 20 DEC 2013

**Signature:**



**Title:**

Technical Manager, BEI Authentication or designee

ATCC<sup>®</sup>, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC<sup>®</sup>'s knowledge.

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