

Genomic DNA from *Toxoplasma gondii*, Strain MAS

Catalog No. NR-34795

Product Description: Genomic DNA was isolated from *Toxoplasma gondii* (*T. gondii*), strain MAS, which was originally isolated from a human with severe congenital toxoplasmosis in France in 1991.

Lot¹: 60796716

Manufacturing Date: 17JAN2012

TEST	SPECIFICATIONS	RESULTS
Agarose Gel Electrophoresis	High molecular weight chromosomal DNA Band	High molecular weight chromosomal DNA Band
Content by PicoGreen[®] Measurement	1 to 3 µg in 25 to 100 µL per vial	2.5 µg in 39 µL per vial (64 µg/mL)
Functional Activity by PCR Amplification² Sequencing of uracil phosphoribosyltransferase (UPRT) intron 1	~ 560 bp amplicon	~ 560 bp amplicon
Genotypic Analysis UPRT intron 1 (~ 470 bp)	Consistent with <i>T. gondii</i>	Consistent with <i>T. gondii</i>
OD₂₆₀/OD₂₈₀ Ratio	1.7 to 2.0	2.0
Inactivation of Source Culture 100% of vial contents inoculated on human foreskin fibroblast monolayers (ATCC [®] CRL-1634 [™]) ³	No viable organisms detected	No viable organisms detected

¹NR-34795 was produced from a culture of NR-20731 lot 59962532. Genomic DNA was extracted using proprietary technology.

²Primer sequences and conditions for PCR are available upon request.

³Incubated in DMEM (ATCC[®] 30-2002) with 10% heat-inactivated fetal bovine serum in 95% air, 5% CO₂ for 8 days at 37°C.

Date: 16 MAY 2013

Signature:



Title:

Technical Manager, BEI Authentication or designee

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