

Genomic DNA from *Toxoplasma gondii*, Strain GAB2-2007-GAL-DOM2

Catalog No. NR-51623

For research use only. Not for human use.

Contributor:

L. David Sibley, Professor, Department of Molecular Microbiology, Washington University School of Medicine, St. Louis, Missouri, USA

Manufacturer:

BEI Resources

Product Description:

Genomic DNA was extracted from *Toxoplasma gondii* (*T. gondii*), strain GAB2-2007-GAL-DOM2 (also referred to as strain TgA105004), which was isolated in 2007 from a chicken in Makokou, Gabon, Africa.¹

NR-51623 has been qualified for PCR applications by amplification of approximately 560 base pairs of the *T. gondii* uracil phosphoribosyltransferase (UPRT) intron 1.

Material Provided:

Each vial of NR-51623 contains 0.2 µg to 3.5 µg of genomic DNA in 10 mM Tris-HCl, 1 mM EDTA, pH 7.5. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-51623 was packaged aseptically, in screw-capped plastic cryovials. The product is provided frozen and should be stored at -20°C or colder upon arrival. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic DNA from *Toxoplasma gondii*, Strain GAB2-2007-GAL-DOM2, NR-51623."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

1. Khan, A., et al. "A Monomorphic Haplotype of Chromosome Ia is Associated with Widespread Success in Clonal and Nonclonal Populations of *Toxoplasma gondii*." *MBio* 2 (2011): e00228-11. PubMed: 22068979.

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