

**Genomic DNA from *Trypanosoma cruzi*, Strain CL**

**Catalog No. NR-50237**

**For research use only. Not for human use.**

**Contributor:**

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**Manufacturer:**

BEI Resources

**Product Description:**

Genomic DNA was extracted from *Trypanosoma cruzi* (*T. cruzi*), strain CL. Strain CL was isolated in 1963 from naturally infected *Triatoma infestans* (kissing bug) collected from a house in Rio Grande do Sul, Encruzilhada, Brazil.<sup>1,2</sup>

NR-50237 has been qualified for PCR applications by amplification of approximately 800 base pairs of the putative C-5 sterol desaturase gene (*SC5D*).

**Material Provided:**

Each vial of NR-50237 contains 1 µg to 3 µg of genomic DNA in buffer. Please refer to the Certificate of Analysis for the specific buffer used for each lot. The vial should be centrifuged prior to opening.

**Packaging/Storage:**

NR-50237 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 *Trypanosoma cruzi*, Strain CL, NR-50237.”

**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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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**References:**

1. Melo, R. C. and Z. Brenner. “Tissue Tropism of Different *Trypanosoma cruzi* Strains.” *J. Parasitol.* 64 (1978): 475-485. PubMed: 96243.
2. Buck, G., Personal Communication.

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