

Genomic DNA from *Trypanosoma cruzi*, Strain G

Catalog No. NR-50238

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic DNA was isolated from *Trypanosoma cruzi* (*T. cruzi*), strain G (available as BEI Resources NR-49382). *T. cruzi*, strain G was isolated from an opossum (family *Didelphidae*) in Amazonas, Brazil.¹

NR-50238 has been qualified for PCR applications by amplification of approximately 800 base pairs of the lathosterol oxidase gene (*SC5D*).

Material Provided:

Each vial of NR-50238 contains 1 µg to 3 µg of genomic DNA in 10 mM TrisCl, 1 mM EDTA, pH 7.5 buffer. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-50238 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 G, NR-50238.”

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. Zingales, B., et al. “A New Consensus for *Trypanosoma cruzi* Intraspecific Nomenclature: Second Revision Meeting Recommends TcI to TcVI.” [Mem. Inst. Oswaldo Cruz](#) 104 (2009): 1051-1054. PubMed: 20027478.

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