# Genomic DNA from *Trypanosoma cruzi*, Strain Brazil

## Catalog No. NR-55374

## For research use only. Not for use in humans.

### Contributor:
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### Manufacturer:
BEI Resources

### Product Description:
Genomic DNA was extracted from a preparation of *Trypanosoma cruzi (T. cruzi)*, strain Brazil, which was isolated from a human patient in Brazil.[1,2]

NR-55374 has been qualified for PCR applications by amplification of approximately 800 base pairs of the putative C-5 sterol desaturase gene (*TcSC5D*).

### Material Provided:
Each vial contains 0.2 to 3.5 µg of genomic DNA in 10 mM Tris-HCl, 1 mM EDTA, pH 7.5. The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

### Packaging/Storage:
NR-55374 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -20°C or colder immediately 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 Brazil, NR-55374."

### 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. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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### References:
1. Weiss, L. M., Personal Communication.
2. Minning, T. A., et al. "Widespread, Focal Copy Number Variations (CNV) and Whole Chromosome Aneuploidies in *Trypanosoma cruzi* Strains Revealed by Array Comparative Genomic Hybridization." BMC Genomics 12 (2011): 139. PubMed: 21385342.

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