

Genomic DNA from *Leishmania donovani*, Strain 9515 (MHOM/IN/95/9515)

Catalog No. NR-50466

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic DNA was extracted from *Leishmania donovani* (*L. donovani*), strain 9515 (MHOM/IN/95/9515), which was isolated in 1995 from the splenic aspirate of a patient with visceral leishmaniasis in India.^{1,2}

NR-50466 has been qualified for PCR applications by amplification of approximately 1200 base pairs of the *L. donovani* internal transcribed spacer (ITS) 1, 5.8S ribosomal RNA gene, ITS 2 region.

Material Provided:

Each vial of NR-50466 contains 0.2 µg to 3.5 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-50466 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 *Leishmania donovani*, Strain 9515 (MHOM/IN/95/9515), NR-50466."

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. Sacks, D. L., Personal Communication.
2. McDowell, M. A., et al. "Leishmania Priming of Human Dendritic Cells for CD40 Ligand-Induced Interleukin-12p70 Secretion is Strain and Species Dependent." Infect. Immun. 70 (2002): 3994-4001. PubMed: 12117904.

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