Product Information Sheet for NR-50663

**Genomic DNA from *Babesia* sp., Strain MO1**

**Catalog No. NR-50663**

For research use only. Not for use in humans.

**Contributor:**
Patricia J. Holman, Research Associate Professor, Department of Veterinary Pathobiology, Texas A&M University, College Station, Texas, USA

**Manufacturer:**
BEI Resources

**Product Description:**
Genomic DNA was extracted from *Babesia* sp., strain MO1, which was isolated in 2003 from the blood of a wild Eastern cottontail rabbit (*Sylvilagus floridanus*) on Nantucket Island, Massachusetts, USA, and adapted to continuous *in vitro* culture in human erythrocytes.\(^1,2\)

NR-50663 has been qualified for PCR applications by amplification of approximately 2100 base pairs of the 18S ribosomal RNA gene.

**Material Provided:**
Each vial of NR-50663 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-50663 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 *Babesia* sp., Strain MO1, NR-50663.”

**Biosafety Level:** 1

**Disclaimers:**
You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at [www.beiresources.org](http://www.beiresources.org).

ATCC® is a trademark of the American Type Culture Collection.

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

**Use Restrictions:**
This material is distributed for internal research, non-commercial purposes only. This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

**References:**
1. Holman, P. J., Personal Communication.
PubMed: 16081941.

© 2018/2024 American Type Culture Collection (ATCC). All rights reserved.