

**Genomic DNA from *Babesia duncani*, Strain WA1**

**Catalog No. NR-50773**

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

**Contributor:**

Dr. Mark Eberhard, Centers for Disease Control and Prevention, Atlanta, Georgia, USA

**Manufacturer:**

BEI Resources

**Product Description:**

Genomic DNA was extracted from *Babesia duncani* (*B. duncani*), strain WA1, which was isolated in 1992 from human blood from the first reported case of babesiosis acquired in Washington State.<sup>1</sup>

NR-50773 has been qualified for PCR applications by amplification of approximately 930 base pairs of the *B. duncani* internal transcribed spacer (ITS) 1, 5.8S ribosomal RNA gene, ITS 2 region.

**Material Provided:**

Each vial of NR-50773 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-50773 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 duncani*, Strain WA1, NR-50773.”

**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. Quick, R. E., et al. “Babesiosis in Washington State: A New Species of *Babesia*?” Ann. Intern. Med. 119 (1993): 284-290. PubMed: 8328736.

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