

Babesia microti, Strain Nan-Hs-2011 (N11-50)

Catalog No. NR-44071

Product Description: *Babesia microti* (*B. microti*), strain Nan-Hs-2011 (N11-50) was originally isolated in 2010 from blood obtained from a human case of babesiosis in Nantucket, Massachusetts, USA. **Note:** The strain designation on the vial label for lot 62177061 is incorrect. The correct strain designation is Nan-Hs-2011 (N11-50).

Lot¹: 62177061

Manufacturing Date: 26NOV2013

TEST	SPECIFICATIONS	RESULTS
Genotyping Sequencing of internal transcribed spacer (ITS) 1, 5.8S ribosomal RNA gene, ITS 2 (~ 740 base pairs)	Consistent with <i>B. microti</i>	Consistent with <i>B. microti</i>
PCR Assay of Extracted DNA² ITS 1, 5.8S ribosomal RNA gene, ITS 2	~ 930 base pair amplicon	~ 930 base pair amplicon
Level of Parasitemia (pre-freeze)³	Report results	3.5%
Viability (post-freeze)⁴	Growth in inoculated hamster	Growth in inoculated hamster

¹NR-44071 was produced by intraperitoneal injection of the deposited material into Golden Syrian hamsters. Infection was monitored for 14 days until parasitemia reached $\geq 3.5\%$. Infected blood was collected by orbital bleeding.

²Primer sequences and conditions for PCR are available upon request.

³Parasitemia was determined after 14 days of infection by microscopic counts of Giemsa-stained blood smears.

⁴Viability of the material following cryopreservation was determined by inoculation of an immunosuppressed hamster and examination of parasitemia every 2 to 5 days for 15 days post-infection (4.5% parasitemia).

Date: 01 APR 2015

Signature:



Title:

Technical Manager, BEI Authentication or designee

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

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

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

