

Babesia duncani, Strain WA1

Catalog No. NR-12311

Product Description:

Babesia duncani (*B. duncani*), strain WA1 was isolated in 1991 from human blood from the first reported case of babesiosis acquired in Washington State. NR-12311 was produced by intraperitoneal injection of BEI Resources seed lot 58834153 into Golden Syrian hamsters. Infection was allowed to progress for 14 days and infected blood was collected by orbital bleeding.

Lot: 70037092

Manufacturing Date: 13NOV2020

TEST	SPECIFICATIONS	RESULTS
Genotypic Analysis¹ Sequencing of internal transcribed spacer (ITS) 1, 5.8S ribosomal RNA gene, ITS 2 (~ 690 base pairs)	Consistent with <i>B. duncani</i>	Consistent with <i>B. duncani</i>
Level of Parasitemia¹ 14 days post-infection of a Golden Syrian hamster determined by microscopic counts of Giemsa-stained blood smears	Report results	1.5%
Viability² 10 days post-infection of a Golden Syrian hamster determined by microscopic counts of Giemsa-stained blood smears	Growth in inoculated hamster	Growth in inoculated hamster

¹Testing completed on bulk material prior to vialing and freezing

²Testing completed on vialled, post-freeze material

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Program Manager or designee, ATCC Federal Solutions

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