

Babesia duncani, Strain WA1

Catalog No. NR-12311

Product Description: *Babesia duncani* (*B. duncani*), strain WA1 was isolated from human blood from the first reported case of babesiosis acquired in Washington State.

Lot¹: 58734169

Manufacturing Date: SEP2009

TEST	SPECIFICATIONS	RESULTS
Genotyping Sequencing of internal transcribed spacer (ITS) 1, 5.8S ribosomal RNA gene, ITS 2 (~ 630 base pairs)	Consistent with <i>B. duncani</i>	Consistent with <i>B. duncani</i>
PCR Assay of Extracted DNA² ITS 1, 5.8S ribosomal RNA gene, ITS 2	~ 930 base pair amplicon	~ 930 base pair amplicon
Viability (post-freeze)³	Growth in inoculated hamster	Growth in inoculated hamster

¹NR-12311 was produced by intraperitoneal injection of the deposited material into Golden Syrian hamsters. Infection was monitored until parasitemia reached $\geq 10\%$. Infected blood was collected by cardiac puncture.

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

³Viability of the material following cryopreservation was determined by inoculation of a Golden Syrian hamster and examination of parasitemia for 12 days post-infection (9% parasitemia).

Date: 18 AUG 2015

Signature: 

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