

***Borrelia burgdorferi*, Strain B31 (Clone 5A1)**

Catalog No. NR-13251

Product Description: *Borrelia burgdorferi* (*B. burgdorferi*), strain B31 (clone 5A1) was derived from the original B31 strain. The original B31 strain was isolated in the fall of 1981 from adult ticks (*Ixodes dammini* also referred to as *Ixodes scapularis*) collected from lower vegetation on Shelter Island, New York.

Lot^{1,2}: 59535345

Manufacturing Date: 17DEC2010

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology ²	Motile spirochetes	Motile spirochetes
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (700 base pairs)	Consistent with <i>B. burgdorferi</i>	Consistent with <i>B. burgdorferi</i> ³
Viability (post-freeze)²	Growth	Growth

¹NR-13251 was deposited as *B. burgdorferi*, strain B31 (clone 5A1) by Steven J. Norris, Professor and Vice Chair for Research, Department of Pathology and Laboratory Medicine, University of Texas Health Science Center at Houston Medical School, Houston, Texas.

²NR-13251 was produced by inoculation of the deposited material into Revised Barbour-Stoenner-Kelly Medium ([ATCC medium 1914](#)) and grown 5 days at 37°C and aerobic atmosphere. The material from the initial growth was passaged two times in Revised Barbour-Stoenner-Kelly Medium for 4 to 6 days at 37°C and aerobic atmosphere to produce this lot.

²⁴ days at 37°C and aerobic atmosphere in Revised Barbour-Stoenner-Kelly Medium

³Also consistent with other *Borrelia* species

Date: 03 JUN 2011

Signature:



Title: Technical Manager, BEI Authentication or designee

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