



Native *B. burgdorferi* B31 (DAG2747)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Native <i>Borrelia burgdorferi</i> (Lyme disease) B31
Species	<i>B. burgdorferi</i>
Purity	Bacteria are harvested and lysed
Conjugate	Unconjugated
Applications	Specific methodologies have not been tested using this product.
Format	Lysate, liquid
Concentration	0. 815 mg/ml
Buffer	5 mM PBS containing 50% glycerin
Preservative	0.1% Sodium Azide
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	<p><i>Borrelia burgdorferi</i> is a spirochete, the causative agent of the tick-borne zoonotic disease <i>Borreliosis</i> or <i>Lyme disease</i>. The organism was first isolated in 1982 by Willy Burgdorfer after whom the organism was named. <i>B. burgdorferi</i> is the principal cause of <i>Lyme disease</i> in the U.S. while <i>B. afzelii</i> and <i>B. garinii</i> are found as causative agents in Europe.</p>
Keywords	Bacteria; Spirochaetes; Spirochaetales; Spirochaetaceae; <i>B. burgdorferi</i> ; <i>Borrelia burgdorferi</i> ; <i>B. burgdorferi</i> ; <i>Lyme disease</i>