



## Native *B. burgdorferi* (DAG2744)

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

### PRODUCT INFORMATION

<b>Product Overview</b>	Native <i>Borrelia burgdorferi</i> (Lyme disease), rendered inactive using gamma irradiation. The source was cultured in BSK II medium and the preparation contains all major antigens with residual cellular debris
<b>Species</b>	<i>B. burgdorferi</i>
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA; Western Blotting; Functional Assays
<b>Format</b>	Sonicated organism suspension of <i>B. burgdorferi</i> (strain B31)-liquid
<b>Concentration</b>	Approx. 0.76 mg/ml using the Biorad dye binding assay.
<b>Size</b>	1 mg
<b>Buffer</b>	Phosphate buffered saline, pH 7.4 containing Mg++
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

### BACKGROUND

<b>Introduction</b>	<i>Borrelia burgdorferi</i> is a bacterial species of the spirochete class of the genus <i>Borrelia</i> . <i>B. burgdorferi</i> is predominant in North America, but also exists in Europe, and is the agent of Lyme disease. All <i>Borrelia</i> are considered diderm (double-membrane) rather than gram positive or negative.
<b>Keywords</b>	<i>Borrelia burgdorferi</i> (Lyme); <i>B. Burgdorferi</i> ; <i>Borrelia Burgdorferi</i> ; Spirochaetaceae; <i>Borrelia</i>