



## Native *B. burgdorferi* (DAG2744)

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

### PRODUCT INFORMATION

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| <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

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|---------------------|--|
| <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> ; <i>Spirochaetaceae</i> ; <i>Borrelia</i>   |