

AR05018PU-N**Bacterial *Borrelia burgdorferi***

Quantity:	1 mg
Concentration:	0.70 mg/ml using the Biorad dye binding assay. Standard curve is generated with a known concentration of IgG.
Background:	<i>Borrelia burgdorferi</i> is a spirochete, the causative agent of the tick borne zoonotic disease Borreliosis or Lyme disease. 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 Lyme disease in the U.S while <i>B. afzelii</i> and <i>B. garinii</i> are found as causative agents in Europe.
Species:	Bacterial
Source:	<i>B. burgdorferi</i> strain B31 grown in BSKII medium.
Format:	State: Liquid Sonicated organism suspension of <i>B. burgdorferi</i> (strain B31) Buffer System: Phosphate buffered saline without additives
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	This protein was prepared from <i>B. burgdorferi</i> strain B31 grown in BSKII medium. Preparation: Rendered inactive using gamma irradiation. The source was cultured in BSK II medium and the preparation contains all major antigens with residual cellular debris. The preparation was considered inactive when no detection of growth in two blind passages under original culture conditions is observed.
Add. Information:	This preparation should be sonicated immediately prior to use to ensure that the preparation is uniform.
Storage:	Upon receipt, store (in aliquots) at -20°C to -80°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	(A full Health and Safety assessment is available upon request) Although inactivated, generally accepted good laboratory practices appropriate to biological reagents should be employed when handling this product.