



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

Recombinant Borrelia p41

Catalog No.
228-10141

Species
Bacterial

Introduction:

Borrelia burgdorferi is species of bacteria of the spirochete class of the genus *Borrelia*. *B. burgdorferi* sensu stricto (predominant in North America, but also in Europe), is the agent of Lyme disease and is a sub species of *B. burgdorferi* sensu lato.

Description:

The *E. coli* derived recombinant protein contains the p41 immunodominant regions, 158-296 amino acids.

Method:

Purified by proprietary chromatographic technique.

Purity:

Protein is >95% pure as determined by 10% PAGE (coomassie staining) and RP-HPLC.

Formulation:

20mM Tris-HCl, pH 7.5, 10mM -mercaptoethanol.

Storage:

Protein should be stored at 4°C. Refrigerate Upon Arrival.

Applications:

Used as an antigen in ELISA and Western Blots.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**