



# Meridian

## Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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### CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** R01521 **Lot #:** 13F15217

**Description:** *Borrelia garinii*, Recombinant  
*Borrelia garinii* flagellin (a.a. 197-274), Recombinant.

Recombinant *Borrelia garinii* p14 antigen produced from the internal fragment (amino acids 197-274) of the 41 kDa flagellin protein. Contains a His-tag at the N-terminus. Molecular weight calculated from the amino acid sequence is 16.4 kDa.

**Source:** *E. coli*

**Format:** Purified, Liquid

**Purification:** ~ 95% pure (SDS-PAGE).

**Concentration:** 1.307 mg/mL (Bradford Method)

**Buffer:** 20 mM Phosphate, pH 8.0, 1 M NaCl, 0.1% Polyoxyethylene (10) Tridecylether.

**Preservative:** None

**Applications:** Suitable for use in ELISA (3-11 µg/mL), Lateral Flow assays, Dot Blot and Western Blot. It has also been used as a positive control in ELISA, CLIA and Lateral Flow assays. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Store at -20 to -80°C. Aliquot to avoid multiple freeze/thaw cycles.

**Inactivation:** Not Applicable

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Corry Thomas

01 Jun 2017

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**