Recombinant Borrelia garinii p14 flagellin Protein, His-tagged

Cat. No. Fla-012B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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.
Species	Borrelia burgdorferi
Source	E.coli
ProteinLength	amino acids 197-274
Form	Purified, Liquid
Molecular Mass	16.4 kDa
Purity	> 95% pure (SDS-PAGE)
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 -80centigrade. Aliquot to avoid multiple freeze/thaw cycles.
Concentration	1.307 mg/mL (Bradford Method)

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

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