Antigenicity of the Campylobacter coli CjaA Protein Produced by Escherichia coli

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Abstract

Immunogenic C. coli CjaA protein is a candidate for a chicken anti-Campylobacter subunit vaccine. In order to enhance its immunogenicity an antigenic determinant of the CjaA protein was identified. Thereafter, two copies of the antigenic epitope were cloned in tandem directly or with a flexible hinge between them. All experiments documented that the CjaA protein contained not only linear antigenic epitope/s but also conformational ones.

Key words: Immunogenic protein, Campylobacter coli, subunit vaccine

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