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(54) **MONOCLONAL ANTIBODY WHICH AGGLUTINATES E. COLI HAVING THE CS4-CFA/I FAMILY PROTEIN**

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(57) **ABSTRACT**

A monoclonal antibody to a consensus peptide of the formula:

VEKNITVTASVDPTIDLLQADGSALPSAVALTYSPA.

The monoclonal antibody of the invention binds exclusively to the sequence SAVALTYS and has use as a diagnostic and for prophylaxis against illness arising from *E. coli* which produce the CS4-CFA/I family of proteins and for treatment of disease arising therefrom.