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25. Lipid composition of bacterial and stable L forms of Escherichia coli W 1655 F+

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The phospholipid compn. of the bacterial (S) and the stable L-form of E. coli W 1655 F+ was studied. Differences were found in the proportions of the various phospholipid fractions between the strains. A greater amt. of phosphatidylethanolamine was found in the L-form than in the initial form. The quant. of the extractable lipid was 1.75-fold higher in the L-form than the bacterial form. More fatty acids were produced after hydrolysis of the bound lipid in the S-form than in the L-form.

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Microbial Biochemistry (Section10-1)

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Escherichia coli

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Supplementary Terms

Escherichia phospholipid L form

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Source

Acta Microbiologica Bulgarica
Volume6
Pages11-16
Journal
1980
CODEN:AMBUDI
ISSN:0204-8809

Company/Organization

Inst. Microbiol.
Sofia, Bulg.

Accession Number

1981:117439
CAN94:117439
CAPLUS

Language

Bulgarian