15. Secretion patterns of proteins of Bacillus subtilis grown with triton X-100 and n-octyl-β-D-glucopyranoside

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The effect of two membrane-active agents, Triton X-100 and n-octyl-β-D-glucopyranoside, on B. subtilis 168 was studied. When present in the growth medium, the detergents decrease the extracellular proteolytic activity. The electrophoretic patterns of proteins in the presence or in the absence of these agents differ significantly.

Concepts
- Bacillus subtilis
- Protease activity and protein secretion in, octylglucopyranoside and Triton X-100
- Proteins, biological studies
- Secretion of, by Bacillus subtilis, octylglucopyranoside and Triton X-100
- Biological study
- Biological transport
- Secretion, of proteins by Bacillus subtilis, octylglucopyranoside and Triton X-100

Supplementary Terms
- Bacillus protease protein secretion Triton X100, octylglucopyranoside protein transport Bacillus

Substances
- 9001-92-7 Protease of Bacillus subtilis, octylglucopyranoside and Triton X-100
- Biological study
- 9002-93-1 Triton X-100
- 29836-26-8 Octyl-β-D-glucopyranoside
- Protease activity and protein secretion response to, in Bacillus subtilis
- Biological study