

The action of bacterial serine proteases on cultured animal cell lines

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Abstract

Our research is directed to determination of serine proteases (subtilisin and glutamyl endopeptidase) action at established cell lines. We determined that the serine proteases of bacillus are capable of cytotoxic action at established cell lines of animals. The cell lines are differentiating by sensitivity to proteins. The cell lines LEK and NGUK were more sensitive to subtilisin, and line Vero - glutamyl endopeptidase.

Keywords

Cytotoxicity, Established cell lines, Glutamyl endopeptidase, Subtilisin, Viability