



### 流感病毒胰酶不依赖性的研究

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### Research of the independence to trypsin of influenza virus

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全文: PDF (1329 KB) HTML ( KB) 输出: BibTeX | EndNote (RIS) 背景资料

摘要 在无胰酶条件下将流感病毒在MDCK细胞和Vero细胞上连续传代,研究流感病毒生长对胰酶的依赖性.选择出细胞培养流感病毒的适宜pH值,在无胰酶条件下将流感病毒毒株在Vero细胞和MDCK细胞上连续传代,然后将无效价的病毒收获液与原毒种混合后再进行传代.获得了6株在MDCK细胞上无需胰酶就能扩增的流感病毒毒株.

关键词: 流感病毒 胰酶 连续传代

Abstract: The experiment focused on obtaining the influenza virus in MDCK cell lines and Vero cell lines in the absence of trypsin by the way of continuous virus passage. First, the optimal pH conditions in which the virus can grow in the mammal cell lines was chosen. Then the virus separated and conserved by the lab were continuously cultivated in the Vero cell lines and MDCK cell lines in the absence of trypsin in the optimal conditions. After some passages, the original virus were mixed with the virus which have no Hemagglutinin titers, then these mixed virus and the virus which had the Hemagglutinin titers were cultivated in the cell lines. As a result there were six virus that can adapt to the condition in the absence of trypsin.

Key words: influenza virus trypsin continuous passage

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