

## 正常状态和搞病毒状态的HeLa细胞翻译小鼠干扰素mRNA能力的比较

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**摘要** 从NDV病毒诱导的Lpa细胞中分离的小鼠干扰素mRNA能在完整的HeLa细胞中翻译, 而且翻译时小鼠干扰素在HeLa细胞中的生产有较好的重复性, 平均产量为72单位/毫升。然而在用人的干扰素处理HeLa细胞后, 处在抗病毒状态的HeLa细胞就不能再翻译小鼠的干扰素mRNA。这一现象可能与干扰素的抗病毒机制有关。

**关键词**

**分类号**

## Comparison of the Translation Capability of Heterologous Interferon messenger RNA Between Normal and Antiviral States of Whole HeLa Cells

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### Abstract

Mouse interferon mRNA, extracted from NDV (Newcastle disease virus)-induced Lpaccells, has been translated in whole HeLa cells, and the production of mouse interferon in HeLa cells during translation was reproducible with an average yield of 72 units/ml. However, mouse interferon mRNA was no longer translated in HeLa cells in antiviral state treatment of human interferon. This phenomenon may be involved in the mechanism of antiviral action of interferons.

### Key words

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