

Induction of Interferon by Poly A: Poly U in Primary Tissue Cultures.

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Abstract:

Primary tissue culture was grown using bat (Eidolon helvum) breast muscle. These tissue cultures were treated with polyadenylic acid: polyuridylic acid) polyA: polyU). After 24 hours the culture brew was harvested and from this, interferon was extracted and purified to a specific activity of 1.5×10^5 IFN Units/mg protein. The interferon was shown to have a molecular weight of 24,000 and fully protected bats' cells from the action of Wesselsbron Virus (H10964).

Keywords: Interferon/ tissue/ primary tissue culture

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