

Fig. 1.

Effect of edeine on the synthesis of FPV proteins in BHK cells

The cells were infected with FPV strain Dobson (30–50 PFU/cell), incubated for 4 hr at 36 °C, after which edeine (2 mg/ml) and 30 min later ³⁵S-methionine (20 μCi/sample) was added. After 30 min incubation at 36 °C the cells were solubilized and studied by electrophoresis in 15% PAG.

Gels 1, 2 – uninfected cells

Gels 3, 4 – infected cells

Gels 1, 3 – controls without edeine

Gels 1, 3 – controls without edeine

Gels 2, 4 – cells incubated with edeine

P, HA, NP, HA₁, HA₂, M and NS – location of the respective FPV polypeptides

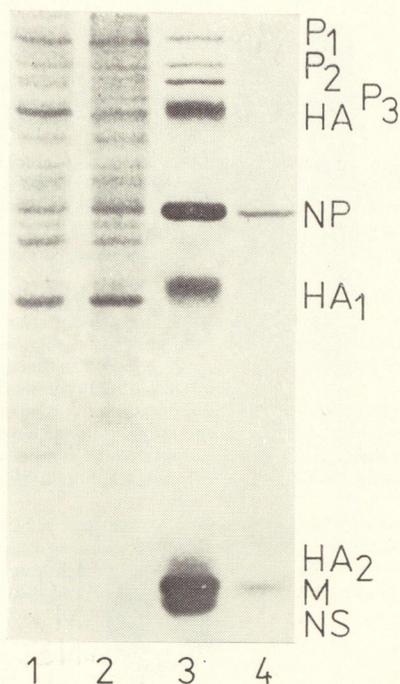


Fig. 5.

Effect of hygromycin B on the protein synthesis in uninfected (gels 1, 2) and FPV-infected (gels 3, 4) CEF

The cells were infected with FPV strain Weybridge (20-50 PFU/cell) and incubated for 1 hr at 36 °C; hygromycin B (2 mM) was then added and after incubation for 4 hr at 36 °C, ³⁵S-methionine was added for 30 min. The cells were solubilized and analyzed in 15% PAG.

Gels 1, 4 - cells incubated with hygromycin B

Gels 2, 3 - controls without hygromycin B

P₁, P₂, P₃, HA, NP, HA₁, HA₂, M and NS - location of the respective FPV polypeptides