

The invention relates to the new strains of the modified pox virus of bovine animals Ankara (MVA), having strongly decreased virulence for the majority of mammals, especially humans, but, nevertheless, can grow in the cells of continuous cell line Vero, permitted for the production of therapeutic agent, such as vaccine. The invention proposes the method for production of the mentioned established strains of MVA. The established MVA can be applied, for example, for the parenteral immunization as a vector system, or in active or inactivated form as an adjuvant or as a regulator of nonspecific components of immune system.