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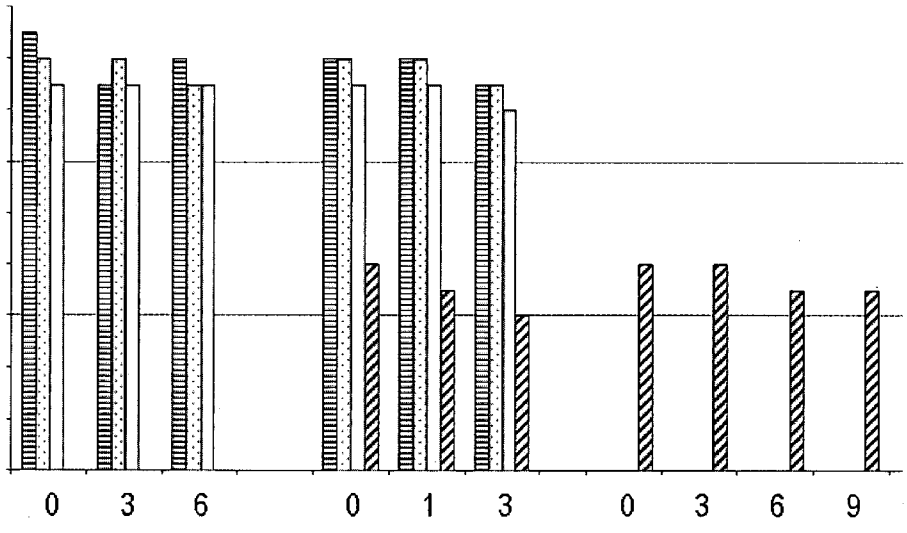
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(54) Title: VACCINES INCLUDING ANTIGEN FROM FOUR STRAINS OF INFLUENZA VIRUS



(57) Abstract: Vaccines of the invention include at least four influenza virus strains. In some embodiments, the vaccines are produced in cell culture rather than in eggs. In some embodiments, the vaccines include an adjuvant. In some embodiments, the vaccines are not split or whole virion vaccines, but are live or purified glycoprotein vaccines. In some embodiments, the vaccines contain substantially the same mass of hemagglutinin (HA) for each of the influenza virus strains. In some embodiments, the four strains will include two influenza A virus strains and two influenza B virus strains ('A-A-B-B'). In other embodiments, the four strains will include three influenza A virus strains and one influenza B virus strain ('A-A-A-B').

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