

## Abstract

The infectious laryngotrachitis virus were isolated from broilers and layer chicken flocks in Minya and Fayoum governorates .infectious laryngotrachitis virus antigen were detected in tracheal samples by agar gel precipitation test The isolated strains of the infectious laryngotrachitis virus showing appearance of characteristic pustules on the chorioallantoic membrane of the egg embryos and showed precipitation lines in the agar gel precipitation test. in the pathogenicity test in broiler chickens the virus strains showing extreme respiratory manifestation due to the virulence of the isolated virus strain and the strain were re isolated again and detected by dot ELISA A comparison between the efficacy of immunization of infectious laryngotrachitis virus vaccine prepared on egg and other prepared on cell cultures in terms of immunity to protection and interactive symptoms after immunization showed that immunization recorded on egg embryos was more immunogenic but had strong interactive effects on vaccinated poultry