

عنوان مقاله:

GENOMIC DETECTION OF CHICKEN ANEMIA VIRUS IN LAYING HENS IN ISFAHAN PROVINCE

محل انتشار:

نوزدهمین کنگره بین المللی میکروب شناسی ایران (سال: 1397)

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خلاصه مقاله:

Background and Aim: Chicken infectious anemia is an important viral disease of fowl which may cause economic losses in poultry farms. The disease characterized by severe anemia, increasing conversion factor, decreasing body weight, bone marrow apalasia, atrophy of thymus, bursa of fabricius and spleen. Immunosuppression would cause increase susceptibility to other bacterial, viral, fungal and parasitic diseases. Subclinical infection caused high economic losses in laying hens flocks. **Methods:** We took liver samples from 70 laying hens wick were 23-44 weeks old. PCR test performed using designed primers. **Results:** Of 70 samples were tested, 10 (14.2%) were positive using PCR test. The results showed that there is CIAV in Isfahan. **Conclusion:** Considering the immunosuppression due to CIAV, its detection may help to have a better management of poultry farms

کلمات کلیدی:

CIAV, Immunosuppression, PCR

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