

IDENTIFICATION AVIBIRNAVIRUSES IN BURSA OF FABRICIUS

Iłona Aleksėjūnienė, Almontas Aleksėjūnas, Julija Šilkūnaitė, Lidija Ščerbakova

Summary. The polymerase chain reaction (PCR) was used to detect infectious bursal disease virus (IBDV) in bursa of Fabricius. After investigation of six samples, it was found four positive samples. By comparative analysis of the VP2 variable region of the gene and direct amplification sequence comparison was detected IBDV in two Lithuanian poultry farms. IBDV were found in bursa of Fabricius and were homological with vaccine strains “*Gumboral*” and “*MB*”. These vaccines were used in poultry vaccination programs.

Keywords: infectious bursal disease virus, polymerase chain reaction, bursa of Fabricius.