

SURVEY OF THE ANTIBODY AGAINST PORCINE EPIDEMIC DIARRHEA VIRUS (PEDV) IN SOWS IN CHAU THANH AND CHO GAO DISTRICT, TIEN GIANG PROVINCE

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Summary

The study of “Survey of the antibody against Porcine Epidemic Diarrhea Virus (PEDV) in sows in Chau Thanh and Cho Gao district, Tien Giang province” used ELISA kit of BIOVET Company (Canada). Of 138 sera samples of sows in breeding farms without PED vaccination, the result was 38.41% in Chau Thanh and Cho Gao district, Tien Giang province. The sows bore over four litters were the most susceptible to the pathogen with 56.00% of infection, following by gilts and one-litter sows (35.00%), two or three-litter sows were the least sensitive to the pathogen with 33.96% of infection. Depending on the farm scales indicated that the farm having over 40 sows was infected higher than the ones having under 40 sows (41.18% and 35.71% respectively).

Keywords: *Antibody, Chau Thanh district, Cho Gao district, PEDV, sow, Tien Giang province.*