

THE COMPARISON OF TITER HI AVIAN INFLUENZA SUBTYPE H5 ON PIG WITH ERYTHROCYTE OF DIFFERENT SPECIES AND CONCENTRATIONS

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ABSTRACT

The aim of this research was to find out and to compare titer HI Avian Influenza subtype H5 on pig with erythrocyte of different species and concentrations. Serum sample used was 15. Positive result if titer yielded is 16 (2^4 or $\log 2^4$) or more. HI test result showed that 15 pig serum which are positive use the erythrocyte of pig 0,75%, 11 pig serum which are positive use the erythrocyte of horse 0,5% and 8 pig serum which are positive use the erythrocyte of chicken 0,5%. This indicated that the mean of titer HI Avian Influenza on pig use the erythrocyte of pig 0,75% its higher compared to erythrocyte of horse 0,5% and erythrocyte of chicken 0,5%.

Key words: Avian Influenza, species, concentrations, erythrocyte