DETECTION OF AVIAN INFLUENZA ANTIBODY H5 SUBTYPE ON BEARDED PIG (*Sus barbatus*) IN CENTRAL KALIMANTAN

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ABSTRACT

The aim of the research was to detect antibody against *Avian Influenza* H5 subtype viruses on Bearded Pig (*Sus barbatus*) in several region in Central Kalimantan such as Samuda, Sampit, Sangai, Rangda, Luwuk, Cempaga and Palangkaraya. The specimens for Haemagglutinin Inhibition (HI) test were collected from sera of the pig that have been inactivated by heating 56° C. The HI test is positive when the chicken erytrosite precipitate on the base of microplates wells. The result showed that from 97 samples, there were 2 samples from Samuda and Luwuk region had specific antibody against Avian Influenza H5. Percentage of the antibody sera was 2.06%.

Key words: *Avian Influenza*, Antibody, Bearded pig