

**DETECTION OF H5N1 AVIAN INFLUENZA ANTIBODY ON
STRAY CATS (*Felis silvestris catus*)
IN BANDUNG CITY AREA**

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ABSTRACT

The aim of this study is to detect the presence of H5N1 *Avian Influenza* antibody on stray cats (*Felis silvestris catus*) in Bandung. Blood specimen of cat samples were collected from several part like RSHS, Ciroyom tradisional Market, Bandung Zoo, District of Padasuka and subdistrict of Cicadas. H5N1 *Avian Influenza* is an infectious disease that infects fowl birds and another mammals species like tiger, cat, and leopard. HI test method was used in this study to detect *Avian Influenza* antibodies which was added with RDE (Reseptor Destroying enzyme) (3:1). Positive result was determined whether the titer was 2^4 or more. Percentage of antibody presence was 25 % or 7 samples from 28 samples.

Keys words: H5N1 *Avian Influenza*, antibody, stray cats