DETECTION OF AVIAN INFLUENZA ANTIBODY
FROM RESIDENT WATER BIRDS
IN SIDOARJO AND SURABAYA WETLANDS AREA

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ABSTRACT

This is an observational research to detect Avian Influenza (AI) antibody from resident water birds in Sidoarjo and Surabaya wetlands area. Blood specimens were collected from 26 Egrets (Egretta sp.) in Sidoarjo, and 27 blood specimens in Surabaya were collected from: eight Egrets (Egretta sp.), 10 Black-crowned Night-heron (Nycticorax nycticorax), one Little Black Cormorant (Phalacrocorax sulcirostris), three Javan Pond Heron (Ardeola speciosa), and five Cattle Egret (Bubulcus ibis). The serum from blood specimens were analized with Hemaglutination Inhibition (HI) Microtech.Test. The result showed that AI antibody were detected 23% from Egrets (Egretta sp.) in Sidoarjo, and none were detected from resident water birds in Surabaya.

Key words: antibody of AI, resident water birds