Newcastle Disease VIRUS DETECTION TOWARD ORGANIC CHICKEN AT TRADITIONAL MARKETS SURABAYA

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ABSTRACT

This research aims to detect Newcastle Disease’s virus toward organic chicken in several traditional markets in Surabaya. This research used organ of organic chickens’ intestine (including contents) with the total samples is 30. Intestinal of organic chicken is chosen by specific characteristics like such as intestine (including contents) that is still contain fesses and has hemorrhage and necrosis. There are three steps that the writer took in conducting this research. This research used method : 1). Virus isolation toward TAB, 2). HA’s test (Haemaglutination test), 3). HI’s test (Haemaglutination Inhibition test), the result from HA’s (Haemaglutination) test shows that there are four positive samples. Furthermore, the result from the positive result of HA’s test is continued to the HI’s test. The result from HI (Haemaglutination Inhibition) shows that there were three samples (10%) which have positive Newcastle Disease’s.

Keywords : Newcastle Disease, Organic Chicken, Traditional Markets.