

**ANTIVIRAL EFFECTIVITY EXTRACT OF GREEN LEAVES CINCAU
(*Cyclea L. barbata* Miers) AGAINST NEWCASTLE DISEASE VIRUS
ON EMBRYONATED CHICKEN EGG**

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ABSTRACT

The purpose of this research is to know the effectiveness extract of green leaves cincau against ND virus strain velogenik. In this research, using the method of HA at dose of 35 ppm, 62ppm and 70 ppm which was inoculated at TAB the age of 9 days with ten replications. Extract of green leaves cincau using the solvent DMSO and physiological saline. ND virus obtained from the Virology's Laboratory of Faculty Veterinary Medical at Airlangga University. The variables studied were the smallest dose that is able to inhibit virus replication ND. The results were analyzed using Kruskal Wallis test followed by Mann Whitney test. From the results of Kruskal Wallis test indicated that there is a very real difference ($P < 0.01$) between treatment groups and the control virus, the Mann Whitney test results showed that there was no difference between treatment groups.

Keywords: antiviral, extract of green leaves cincau, *Newcastle Disease*