

**PREVALENCE OF AVIAN INFLUENZA SUBTYPE H5  
IN QUAIL (*Coturnix coturnix japonica*)  
AT KECAMATAN PARE  
KABUPATEN KEDIRI**

Rofiqul A'la

**Abstract**

This observe to known Avian Influenza subtype H5 titration antibody value and virus isolation from Quail (*Coturnix coturnix japonica*) at Kecamatan Pare Kabupaten Kediri.

To take sample use “blind sampling” and “stratified random sampling” methods used for determine location. From 104 sample quail has take serum and cloacal swab. HI microtechnic test use to test serum sample, and from cloacal swab will be inoculated in embryonated chicken eggs SPF (Specific Pathogen Free) with pooling system, then alantois fluid test with HI microtechnic test. Agglutination inhibition precipitate of erythrocyte in deep of microplate well if HI test positive. Data has examined from HI microtechnic serological test will be entered to descriptive analyze to know prevalence level .

And result obtained the from 104 sample 23 sample positive detection had antibody AI virus or prevalence is 22%, and virus isolation has examined 1 pool positive has infected by the virus. With this observed and examination there we had known prevalence level and get isolation avian influenza virus on quail from several flock in village kecamatan Pare kabupaten Kediri.

**Key words** : Avian influenza, Quail