

**MONITORING NEWCASTLE DISEASE (ND) POST VACCINATION TITRES
AND PROTECTION LEVELS IN LOCAL CHICKENS IN JAVA**

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A survey was designed to monitor ND titres following a government supported ND vaccination program of local chickens. A modified random sample was obtained from 16 districts in 4 provinces in Java. Convenience sampling was used to select chickens.

ND titres of 4539 sera were obtained using the Haemagglutination Inhibition Test (HI) and analysed by converting to log base 2. Chickens were determined protected if the HI titre was greater than or equal to 64 ($HI = >64$ or $> \log_2=6$).

The overall percentages of protective titres in 4 provinces in Java was: D.I. Yogyakarta 35.45, Central Java 35.45, East Java 67.54, West Java 47.27.