

**DETECTION OF SUBCLINICAL MASTITIS ON ETAWA
CROSS BREED GOAT IN KALIPURO SUB-DISTRICT
BANYUWANGI DISTRICT**

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ABSTRACT

Cross Breed Etawa goat is one of the goat which is used for milk production or is used as a dairy goat. Diseases which often occur in livestock as dairy livestock are mastitis. Mastitis is a disease which occur as result of the infection in mammary gland. Subclinical mastitis is a type of mastitis which does not show clinical symptoms. The purpose of this study was to examine subclinical mastitis on PE Goat livestock by using the California Mastitis Test method as a preliminary study to obtain preliminary data on cases of subclinical mastitis in Kalipuro Village. This research was a descriptive research. Detection was done by taking milk samples on PE purposively and was reacted with CMT reagents which were circulated circularly for 10-15 seconds. The observation of the reaction results of milk and reagent samples were determined based on consistency changing. The results showed that the incidence of subclinical mastitis was 82.76%. The subclinical mastitis factor was influenced by poor management and milking of livestock, because sanitation and hygiene influenced to the level of bacterial contamination. The conclusion of this study that is the incidence of subclinical mastitis in PE goats in Kalipuro Village about 82.76%.

Keywords: California Mastitis Test, Mastitis, Cross Breed Etawa Goat