

TEKNIK PEMERIKSAAN ENDOPARASIT DAN EKTOPARASIT PADA KAMBING PERANAKAN ETAWA (PE) DI KELOMPOK TERNAK MANTEP MAKARYO, KOKAP, KULON PROGO

Oleh :

MU'IZIYAH NUR HAMIDA
18/425939/SV/15081

INTISARI

Pemeriksaan endoparasit dan ektoparasit pada kambing PE penting untuk dilakukan agar dapat mengetahui kesehatan serta ada tidaknya parasit yang berinfestasi pada ternak. Tujuan penulisan Tugas Akhir ini adalah untuk mengetahui teknik pemeriksaan endoparasit dan ektoparasit pada sampel dari kambing PE di Kelompok Ternak Mantep Makaryo, Soropati, Hargotirto, Kokap, Kulon Progo. Pengambilan sampel dilakukan secara acak dari 30 ekor kambing di Kelompok Ternak Mantep Makaryo dan pengujian sampel dilakukan di Laboratorium Pre-Klinis Atas Program Studi Diploma Kesehatan Hewan. Sampel yang diambil adalah sampel feses, darah, dan ektoparasit. Sampel feses diuji menggunakan metode natif, *sentrifuse*, *Parfitt and Banks*, dan metode *McMaster*. Sampel darah diuji dengan metode darah natif (darah segar) dan preparat apus darah tipis, serta pemeriksaan sampel ektoparasit yaitu kutu dan pinjal. Hasil pengujian menunjukkan tidak adanya parasit pada sampel feses kambing PE di Kelompok Ternak Mantep Makaryo dan ditemukan dua jenis kutu yaitu *Damalinia sp.* dan *Haematopinus sp.* Metode pengambilan sampel dan pemeriksaan sudah sesuai dengan metode yang berlaku. Pemeriksaan sampel darah meliputi metode natif dan preparat apus tipis serta pemeriksaan sampel ektoparasit menggunakan minyak cengkeh. Pemeriksaan sampel darah tidak dapat dilakukan karena darah telah rusak. Tidak ditemukan adanya parasit dalam sampel feses. Pemeriksaan sampel ektoparasit menemukan dua jenis kutu ektoparasit yaitu *Haematopinus sp.* dan *Damalinia sp.*

Kata kunci : kambing PE, pemeriksaan, endoparasit, ektoparasit

**ENDOPARASITES AND ECTOPARASITES INSPECTION TECHNIQUES
IN ETAWA CROSS-BREED GOAT (PE) AT MANTEP MAKARYO
BREEDER GROUP, KOKAP, KULON PROGO**

By :

MU'IZIYAH NUR HAMIDA
18/425939/SV/15081

ABSTRACT

Examination of endoparasites and ectoparasites in PE goats is important to know the health status and investigation of parasites in cattle. The purpose of this final assignment was to determine the technique of endoparasites and ectoparasites examination from PE goat samples at the Mantep Makaryo Breeder Group, Soropati, Hargotirto, Kokap, Kulon Progo. Data was collected by random sampling from 30 goats and samples were analyzed at Laboratorium Pre-Klinis Program Studi Diploma Kesehatan Hewan. Samples collected from feces, blood, and ectoparasites. Stool samples were analyzed using the native method, *centrifuge*, *Parfitt and Banks*, and *McMaster*. Blood samples were tested by wet blood film or native blood method (fresh blood) and thin blood smear preparations, as well as the examination of ectoparasites samples such as lice and fleas. The results showed that there were no parasites in the feces and blood of PE goats in Mantep Makaryo Breeder Group but two types of lice such as *Damalinia sp.* and *Haematopinus sp.* were found. The sampling process and examination methods were in accordance with the standard. Examination of blood samples included native methods and thin smear preparations as well as examination of ectoparasite samples using clove oil. Examination of blood samples cannot be done because the blood has been damaged. No parasites were found in the stool samples. Examination of ectoparasite samples found two types of ectoparasites, namely *Haematopinus sp.* and *Damalinia sp.*

Keywords : PE goat, examination, endoparasites, ectoparasites.