

**PREVALENCE OF GASTROINTESTINAL PROTOZOA OF PATIENT
DOGS OF ANIMAL HOSPITALS AND CLINICS
IN SURABAYA**

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ABSTRACT

This research aimed to identify the type of protozoa and determine the prevalence of gastrointestinal protozoa of patient dogs of animal hospitals and veterinary clinics in Surabaya. Forty five fecal samples were examined by means of three methods i.e. native, sedimentation and floatation methods. Protozoa was identified by using a microscope with 400x magnification. Dog diagnosed positive for infection if gastrointestinal protozoa was found through at least one of the three methods. The result showed 13.3% (6/45) of samples were positively infected by gastrointestinal protozoa. The protozoa identified were *Entamoeba* sp., *Balantidium coli*, *Eimeria* sp., and *Isospora* sp.

Key words : prevalence, gastrointestinal protozoa, dog