

PENGARUH PEMBERIAN YOGHURT TERHADAP GAMBARAN MIKROSKOPIK PEYER'S PATCH  
ILEUM AYAM BROILER

Yuslina Ekasari

**KKC KK KH 04/10 Eka p**

**ABSTRACT**

This study is conducted to reveal the effect of yoghurt administration to the histological appearance of the peyer's patch in the ileum of broiler (chicken). Twenty eight broiler chickens of a week old are divided into four groups and given yoghurt orally (using feeding tube) for consecutive 28 days with 0% (P<sub>0</sub>), 0,1% (P<sub>1</sub>), 0,3% (P<sub>2</sub>) and 0,5% (P<sub>3</sub>) concentrations respectively. Then all of them were sacrificed and the ileum harvested for histological examination. The result of follicle diameter and sum of lymphoid cells measurements show a significantly increase in P<sub>1</sub>, P<sub>2</sub> and P<sub>3</sub> comparing with P<sub>0</sub>

Key words : yoghurt, peyer's patch.

