

ABSTRACT

It has been conducted a study test of stimulation effect vitamin A doses 1000UI/kg WB between oral and intra muscular administration on it's capability to increase of one component immune system (total lymphocytes, the changing percentages of T lymphocytes and B lymphocytes) in rabbit blood that has been immunized in advance with sheep red blood cell 5%/kg WB by intra muscular.

The result suggested that vitamin A given orally or even intra muscularly after immunized could enhance the number of production of total lymphocytes and percentages of B lymphocytes but decreased percentages of T lymphocytes.



ABSTRAK

Telah dilakukan uji perbandingan efek imunostimulasi vitamin A 1000 UI/kgBB antara pemberian oral dan intra muskular terhadap kemampuannya meningkatkan salah satu komponen sistem imun (limfosit total, perubahan persen limfosit T serta B) kelinci yang sebelumnya diimunisasi oleh sel darah merah domba 5%/kg BB secara intra muskular.

Dari pengamatan didapat bahwa pemberian vitamin A baik secara oral maupun intra muskular mempunyai kemampuan meningkatkan jumlah limfosit total dan persen limfosit B, tetapi menurunkan persen limfosit T.

