IDENTIFY ANTIBODY RESULT OF IMMUNIZING EARLY PREGNANCY FACTOR (EPF) AT RABBIT 
(Ocypelagus cuniculus)

MUHAMMAD FAJRIN

ABSTRACT

The aim of this research was to prove that immunizing with Early Pregnancy Factor (EPF) can generate antibody and know value of it's Optical Dencity.

This research used three male local rabbit with age between six until nine months. Rabbit immunized with Early Pregnancy Factor at the first week with doses 100 µl and Complete Freund'S Adjuvant (CFA) 100 µl. Inoculation conducted with subcutaneous. Immunize was repeated with the same protein which addition of Incomplete Freund'S Adjuvant (IFA) at third week and seventh week. Counting of blood was done eight times, start at first until ninth week. Serum blood sample conducted phase of purifikasi for the insulation of IgG. Characterisation test uses Dot Blot method and measurement value of Optical Dencity with Indirect ELISA method.

Result of characterisation used Dot Blot test show that all sample taken after immunizing is positive, so it could be concluded that immunizing using Early Pregnancy Factor could stimulate immunitied respon to form antibody. Result of measurement with indirect ELISA method show that there is difference value of Optical Dencity antibody of Early Pregnancy Factor in each intake of blood.

Key words: Early Pregnancy Factor (EPF), Immunitation, Antibody.