

UJI POTENSI DOSIS FILTRAT HERBA KEJI BELING (*Strobilanthes crispus* BI.) DALAM MENURUNKAN HIPERGLIKEMIA PADA TIKUS PUTIH (*Rattus novergicus*)

 Oleh: INDA HARIANI (01330174 / 08330043)

Biology

Dibuat: 2011-02-07 , dengan 7 file(s).

Keywords: FILTRAT HERBA KEJI BELING (*Strobilanthes crispus* BI.)

ABSTRACT

Empirically keji beling has been used as medicine to decrease blood in order to prove it, this research is done to know giving in fluence of despicable rate which has been induced with glucose beforehand. This research included in research type True-Experiment, by using Completely randomized design method. Number of attempt units is 24 with number of group of treatment counted 6 covers 0,15 ml, 0,31 ml, 0,62 ml, 1,24 and two normal controls and control hiperglicemic, each re- treatment 4 times. For control hiperglicemic is given glucose 50% 5ml/kg weight. Result of research indicates that despicable herb filtrate of keji beling influential reality to degradation of white mouse blood glucose rate of male. Degradation that is most real seen at highest dose that is 1,24 ml, blood glucose rate 153,70 mg/dl approximant comes near normal control that is 116,84 mg/dl. Degradation of blood glucose rate as result of treatment of despicable herb filtrate of explainable being passed two main mechanisms, that is intraly pankreatic and pankreatic extra. Mechanism infra pankreatic by the way of improve; repairing (regeneration) cell a damage pancreas and protects cell a from damage and stimulates secretion and insulin release. This ability owned by alkaloid, potassium and flavonoid. Mechanism of pankreatic extra by the way of pursuing absorpsi or absorbtion of glucose in blood declines, this ability owned by polifenol, saponin and flavonoid.