Fever is situation of normal above body temperature as effect of make-up of center regulator of temperature in hipotalamus. Substansi causing fever referred as by pirogen, Pirogen will be stimulated by release of acid of arakidonat and also result product increase of prostaglandin. Forming of prostaglandin have important role in forming of fever assisted by enzyme of siklooksigenase. Drug able to pursue enzyme of siklooksignase very effective to degrade fever referred as by antipiretik. leaf of Sambiloto (Andrograpis Paniculata Ness.) known to have content of andrografolid able to pursue forming of prostaglandin and act as or antipiretik of penurun hot.

This research is conducted to know influence of giving of leaf dekok of sambiloto to degradation of white mouse body temperature and to know effective dose which give effect of antipiretik maximal.

This research type is true experiment and used by attempt device is Complete Random Device (RAL). divided White Mouse to become 7 group which is each consisting of 3 tail. Group of A (is just group which isn't), B (group which isn't it and given by parasetamol), C (group which isn't and given by leaf dekok of sambiloto 40mg / tail), D (group which isn't and given by leaf dekok of sambiloto 80mg / tail), E (group which isn't it and given by leaf dekok of sambiloto 120mg / tail), F (group which isn't it and given by leaf dekok of sambiloto 160mg / tail), G (group which isn't and given by leaf dekok of sambiloto 200mg / tail). Fever induction with giving of vaccine of DPT (Difteri Pertusis Tetanus) and condensation of parasetamol and also leaves dekok of sambiloto given perorally after happened fever. Parameter degradations of body temperature cover bigly of degradation of body temperature at perception 6 clock after time and fever required for the degradation of body temperature return to dropsy temperature.

Obtained result show group of A, B, C, D, E, F, and natural G of increase of body temperature till fever. Group of B, C, D, E, F, and G have an effect on reality to degradation of white mouse body temperature, although at group of C, D, E, and the F degradation of do not isn't. And [at] dose 200 mg / go with the tide leaf dekok of sambiloto can degrade body temperature effectively because at dose 200 mg / tail give effect of antipiretik the maximalness.