EFEK ANALGESIK GETAH BONGGOL PISANG AMBON (Musa paradisiaca var. sapientum (L.) Kunt)

ANALGESIC EFFECT OF AMBON BANANA HUMP SAP (Musa paradisiaca var. sapientum (L.) Kunt)

ABSTRACT

**Background.** Banana sap contain saponin, anthraquinone and quinone that function as antibiotic, relief of pain, and anti inflammation. **Purpose.** The aim of the present study is to find out the activity of Ambon banana hump sap (Musa paradisiaca var sapientum (L.) Kunt) to relief of pain in the mice that were induced by acetic acid. **Method.** The 42 mice were divided into six groups, they are control group and five groups were gave Ambon banana hump sap (Musa paradisiaca var sapientum (L.) Kunt) in different concentrations (6.25%, 12.5%, 25%, 50% and 100%). Each of groups were induced by acetic acid, after five minute the number of writhes in a set period, such as 30 minute, were counted and noted. **Result.** The mean of writhes in five groups were gave Ambon banana hump sap (Musa paradisiaca var sapientum (L.) Kunt) is lower than control group. **Conclusion.** The Ambon banana hump sap (Musa paradisiaca var sapientum (L.) Kunt) have analgesic effect and the optimal concentration of this analgesic effect is found at 12.5% concentration.

**Key words:** analgesic, Musa paradisiaca var sapientum (L.) Kunt, hump sap.