

LAPORAN PENELITIAN



**Uji Efek Analgetika Herba Suruhan  
(*Piperomia Pellucida* (L). H.B.K.)  
Terhadap Mencit Jantan (*Mus Muscullus*)**

**OLEH :**

**Teti S. Tuloli, S.Farm., Apt., M.Si.  
Nip. 19800220 200801 2 007**

**JURUSAN FARMAŞİ  
FAKULTAS ILMU-ILMU KESEHATAN DAN KEOLAHHRAGAAN  
UNIVERSITAS NEGERI GORONTALO**

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## HALAMAN PENGESAHAN

1. Judul Penelitian : Uji Efek Analgetika Herba Suruhan (*Piperomia Pellucida* (L). H.B.K.) Terhadap Mencit Jantan (*Mus Muscullus*)  
2. Bidang Penelitian : Kesehatan  
3. Ketua Peneliti  
a. Nama Lengkap : Teti Sutriyati Tuloli, S.Farm., M.Si., Apt  
b. Jenis Kelamin : Perempuan  
c. NIP : 19800220 200801 2 007  
d. Disiplin Ilmu : Farmasi  
e. Pangkat/Golongan : Penata Muda Tk I / III b  
f. Jabatan Fungsional : Asisten Ahli  
g. Fakultas/Jurusan : Ilmu-Ilmu Kesehatan dan Keolahragaan/Farmasi  
h. Alamat : Jl. Andalas No 44, Kota Gorontalo  
i. Telp/Faks : 0435-821698 / 0435-821698  
j. Alamat Rumah : Jl. Sawah besar, Heledulaa, Kota Gorontalo  
k. Telp/Hp : 081360606757
4. Mata Kuliah yang diampu : Farmakologi / Farmakologi Molekuler  
5. Penelitian Terakhir : Peningkatan Bobot Badan Mencit (*Mus Musculus*) Dengan Pemberian Pakan Ampas Tahu Fortifikasi Gorontalo  
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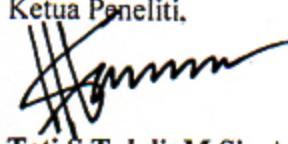
Gorontalo, Januari 2012

Mengetahui,  
Dekan FIKK,



Dra. Rani A. Hiola, M.Kes.  
Nip. 19530913 198302 2 001

Ketua Peneliti.



Teti S. Tuloli, M.Si., Apt.  
Nip. 19800220 200801 2 007

Mengetahui,  
Ketua Lemlit



Dr. Karmin Baruadi, M.Hum.  
Nip. 19581026 198603 1 004

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## ABSTRACT

The research have been conducted testing analgesic effect of ethanol extract of Herba suruhan (*Piperomia pellucida* (L). HBK) in male mice (*Mus musculus*) with the aim to find out Analgesic effect after induced of ethanol extract from herbs suruhan in male mice (*Mus musculus*). Analgesic testing methods using chemical induction method (method Singmud). Analgesic effect on the number of observations stretching from mice that had been induced in acetic acid 1% v / v with a time of observations every 5 minutes for 30 minutes after the treatment. Mice are used as much as 15 tails are divided into 5 treatment groups, Group I is the negative controls were given a solution of Na-CMC 1% w / v, II for the positive control group given Mefenamic Acid suspension 1% w / v, and three groups the others were treated with ethanol extracts of herbs suruhan with each concentration of 1.2 g / body weight, 2.4 g / body weight and 4.8 g / body weight by oral administration volume of 0.5 ml/20 g body weight of mice. Data obtained in the form of stretching the cumulative number of mice were then calculated percent protection. Percent protection was analyzed by analysis of variance (ANAVA) one way using SPSS version 17 for windows, LSD test followed by a 95% confidence level. Analysis of data showed that the dose of ethanol extract of Herba messenger 4.8 g / kg body weight per cent protection has not significantly different with a dose of Mefenamic Acid 65 mg / kg body weight or in other words have properties equivalent to the dose of Mefenamic Acid 65 mg / kg body weight.

**Key word:** Analgesic, Herba Suruhan (*Piperomia Pellucida* (L). HBK), Ethanol Extract