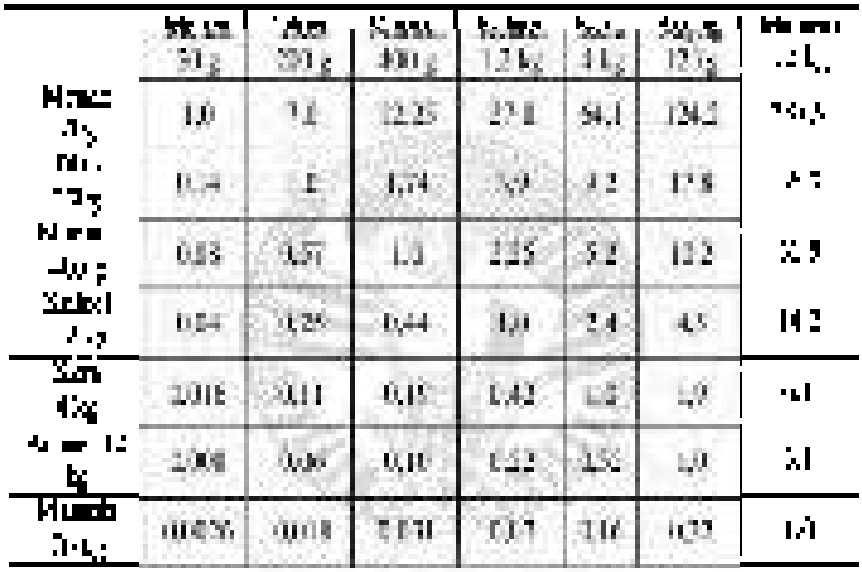
LAMPIRAN

LAMPIRAN I
Tabel Konversi Dosis Hewan Uji dengan Manusia
(Laurence, 2008)



LAMPIRAN II
Perhitungan Persentase Proteksi

$$\% \text{ Proteksi} = \frac{\text{Rata-rata geliat kelompok kontrol negatif} - \text{Rata-rata geliat kelompok uji}}{\text{Rata-rata geliat kelompok kontrol negatif}} \times 100\%$$

% Proteksi Kontrol Positif = $\frac{80-19}{80}$ x 100% = 76,25%

% Proteksi Kelompok Ekstrak Dosis 1 = $\frac{80-30}{80}$ x 100% = 62,50%

% Proteksi Kelompok Ekstrak Dosis 2 = $\frac{80-23}{80}$ x 100% = 71,25%

% Proteksi Kelompok Ekstrak Dosis 3 = $\frac{80-19}{80}$ x 100% = 76,25%

% ProteksiKelompokEkstrakDosis 4 = $\frac{80-13}{80}$ x 100% = 83,75%

LAMPIRAN III
Perhitungan Persentase Efektivitas

$$\% \text{ Efektivitas} = \frac{\% \text{ Proteksi Kelompok Uji}}{\% \text{ Proteksi Kontrol Positif}} \times 100\%$$

% Efektivitas Kontrol Positif = $\frac{76,25\%}{76,25\%} \text{x } 100\% = 100\%$

% Efektivitas Kelompok Ekstrak Dosis 1 =
$\frac{62,50\%}{76,25\%} \text{x } 100\% = 81,97\%$

% Efektivitas Kelompok Ekstrak Dosis 2 =
$\frac{71,25\%}{76,25\%} \text{x } 100\% = 93,85\%$

% Efektivitas Kelompok Ekstrak Dosis 3 =
$\frac{76,25\%}{76,25\%} \text{x } 100\% = 100\%$

% Efektivitas Kelompok Ekstrak Dosis 4 =
$\frac{83,75\%}{76,25\%} \text{x } 100\% = 108,23\%$

LAMPIRAN IV

Perhitungan Dosis Ekstrak

Pada penelitian terdahulu dosis ekstrak etanol 96% daun *M. crenata* sebesar 2,4 mg/20 g BB mencit.

Rendemen ekstrak etanol 96% = 19,17%

(Laswati, 2007)

Rendemen ekstrak etanol 80% daun *M. crenata* = 18%

Maka, dosis pada ekstrak etanol 80% adalah:

$$\frac{19{,}17\%}{18\%} = \frac{2{,}4}{x}$$

$$= \frac{2{,}4}{19{,}17\%} \times 18\%$$

$$= 2{,}25 \text{ mg}$$

Maka, dosis 1 untuk ekstrak etanol 80% daun *M. crenata* adalah sebesar 2,25 mg/20 g BB mencit.

LAMPIRAN V
Analisis Statistika

Oneway Anova

ANOVA

jumlahgeliat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	18482,917	5	3696,583	41,506	,000
Within Groups	2671,833	30	89,061		
Total	21154,750	35			

Multiple Comparisons

Dependent Variable: jumlahgeliat

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol negatif	kontrol positif	60,500*	5,449	,000	49,37	71,63
	dosis (1)	53,333*	5,449	,000	42,21	64,46
	dosis (2)	56,333*	5,449	,000	45,21	67,46
	dosis (3)	61,167*	5,449	,000	50,04	72,29
	dosis (4)	67,167*	5,449	,000	56,04	78,29

kontrol positif	kontrol negatif	-60,500*	5,449	,000	-71,63	-49,37
	dosis (1)	-7,167	5,449	,198	-18,29	3,96
	dosis (2)	-4,167	5,449	,450	-15,29	6,96
	dosis (3)	,667	5,449	,903	-10,46	11,79
	dosis (4)	6,667	5,449	,231	-4,46	17,79
dosis (1)	kontrol negatif	-53,333*	5,449	,000	-64,46	-42,21
	kontrol positif	7,167	5,449	,198	-3,96	18,29
	dosis (2)	3,000	5,449	,586	-8,13	14,13
	dosis (3)	7,833	5,449	,161	-3,29	18,96
	dosis (4)	13,833*	5,449	,017	2,71	24,96
dosis (2)	kontrol negatif	-56,333*	5,449	,000	-67,46	-45,21
	kontrol positif	4,167	5,449	,450	-6,96	15,29
	dosis (1)	-3,000	5,449	,586	-14,13	8,13
	dosis (3)	4,833	5,449	,382	-6,29	15,96
	dosis (4)	10,833	5,449	,056	-,29	21,96
dosis (3) 7,2 mg	kontrol negatif	-61,167*	5,449	,000	-72,29	-50,04
	kontrol positif	-,667	5,449	,903	-11,79	10,46
	dosis (1)	-7,833	5,449	,161	-18,96	3,29
	dosis (2)	-4,833	5,449	,382	-15,96	6,29

Descriptives

	dosis (4)	6,000	5,449	,280	-5,13	17,13
dosis (4) 9,6 mg	kontrol negatif	-67,167*	5,449	,000	-78,29	-56,04
	kontrol positif	-6,667	5,449	,231	-17,79	4,46
	dosis (1)	-13,833*	5,449	,017	-24,96	-2,71
	dosis (2)	-10,833	5,449	,056	-21,96	,29
	dosis (3)	-6,000	5,449	,280	-17,13	5,13

*. The mean difference is significant at the 0.05 level.

	kelompok			Statistic	Std. Error
jumlahgeliat	kontrol negatif	Mean		79,83	8,619
		95% Confidence Interval for Mean	Lower Bound	57,68	
			Upper Bound	101,99	
		5% Trimmed Mean		80,15	
		Median		80,00	
		Variance		445,767	
		Std. Deviation		21,113	
		Minimum		50	
		Maximum		104	
		Range		54	
		Interquartile Range		40	
		Skewness		-,237	,845
		Kurtosis		-1,476	1,741
	kontrol positif	Mean		19,33	2,525
		95% Confidence Interval for Mean	Lower Bound	12,84	
			Upper Bound	25,83	
		5% Trimmed Mean		19,37	
		Median		18,50	

		Variance	38,267	
		Std. Deviation	6,186	
		Minimum	10	
		Maximum	28	
		Range	18	
		Interquartile Range	10	
		Skewness	-,096	,845
		Kurtosis	,317	1,741
	dosis (1)	Mean	26,50	1,057
		95% Confidence Interval for Mean — Lower Bound	23,78	
		95% Confidence Interval for Mean — Upper Bound	29,22	
		5% Trimmed Mean	26,61	
		Median	27,50	
		Variance	6,700	
		Std. Deviation	2,588	
		Minimum	22	
		Maximum	29	
		Range	7	
		Interquartile Range	4	
		Skewness	-1,245	,845
		Kurtosis	,991	1,741
	dosis (2)	Mean	23,50	,847

	95% Confidence Interval for Mean	Lower Bound	21,32	
		Upper Bound	25,68	
	5% Trimmed Mean		23,50	
	Median		23,50	
	Variance		4,300	
	Std. Deviation		2,074	
	Minimum		21	
	Maximum		26	
	Range		5	
	Interquartile Range		4	
	Skewness		,000	,845
	Kurtosis		-2,526	1,741
dosis (3)	Mean		18,67	1,764
	95% Confidence Interval for Mean	Lower Bound	14,13	
		Upper Bound	23,20	
	5% Trimmed Mean		18,69	
	Median		18,50	
	Variance		18,667	
	Std. Deviation		4,320	
	Minimum		13	
	Maximum		24	

		Range		11	
		Interquartile Range		9	
		Skewness		,006	,845
		Kurtosis		-1,481	1,741
	dosis (4)	Mean		12,67	1,856
		95% Confidence Interval for Mean	Lower Bound	7,90	
			Upper Bound	17,44	
		5% Trimmed Mean		12,74	
		Median		12,50	
		Variance		20,667	
		Std. Deviation		4,546	
		Minimum		6	
		Maximum		18	
		Range		12	
		Interquartile Range		8	
		Skewness		-,270	,845
		Kurtosis		-1,008	1,741

Uji Normalitas dan Homogenitas

Stem-and-Leaf Plots

```
jumlahgeliat Stem-and-Leaf Plot for
kelompok= kontrol negatif

 Frequency    Stem &  Leaf

      ,00       0 .
     4,00       0 .  5678
     2,00       1 .  00

 Stem width:      100
 Each leaf:       1 case(s)
```

```
jumlahgeliat Stem-and-Leaf Plot for
kelompok= kontrol positif

 Frequency    Stem &  Leaf

     1,00       1 .  0
     3,00       1 .  789
     1,00       2 .  4
     1,00       2 .  8

 Stem width:       10
 Each leaf:       1 case(s)
```

jumlahgeliat Stem-and-Leaf Plot for
kelompok= dosis (1)

Frequency	Stem &	Leaf
1,00	2 .	2
5,00	2 .	57889

Stem width: 10
Each leaf: 1 case(s)

jumlahgeliat Stem-and-Leaf Plot for
kelompok= dosis (2)

Frequency	Stem &	Leaf
3,00	2 .	122
3,00	2 .	556

Stem width: 10
Each leaf: 1 case(s)

jumlahgeliat Stem-and-Leaf Plot for
kelompok= dosis (3)

Frequency	Stem &	Leaf

```
    1,00        1 .  3
    3,00        1 .  589
    2,00        2 .  34

 Stem width:        10
 Each leaf:       1 case(s)
```

```
jumlahgeliat Stem-and-Leaf Plot for
kelompok= dosis (4)

 Frequency    Stem &  Leaf

    1,00        0 .  6
    3,00        1 .  014
    2,00        1 .  78

 Stem width:       10
 Each leaf:        1 case(s)
```

LAMPIRAN VI
Dokumentasi

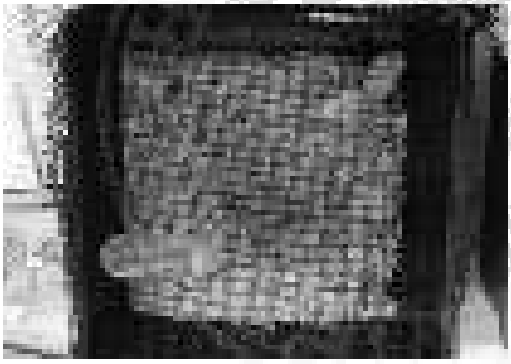
Gambar 1
Ekstrak Etanol 80% daun *M. crenata*

Gambar 2
Proses Maserasi

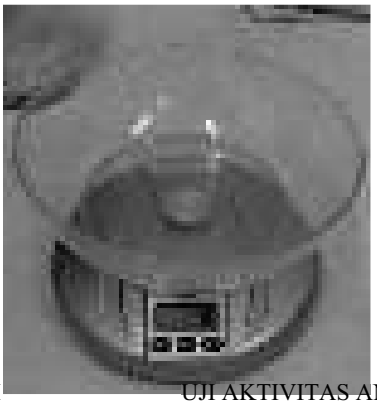
Gambar 3
Proses penyaringan
dengan corong buchner

Gambar 4
Proses penguapan ekstrak
dengan rotary evaporator

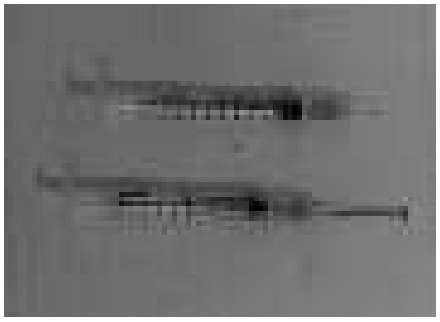
Gambar 5
Hewan uji mencit
balb/c jantan



Gambar 6
Kandang mencit



Gambar 7
Timbangan mencit



Gambar 8
Atas : jarum injeksi IP
Bawah : sonde oral mencit

Gambar 9
Proses injeksi intraperitonial pada mencit