

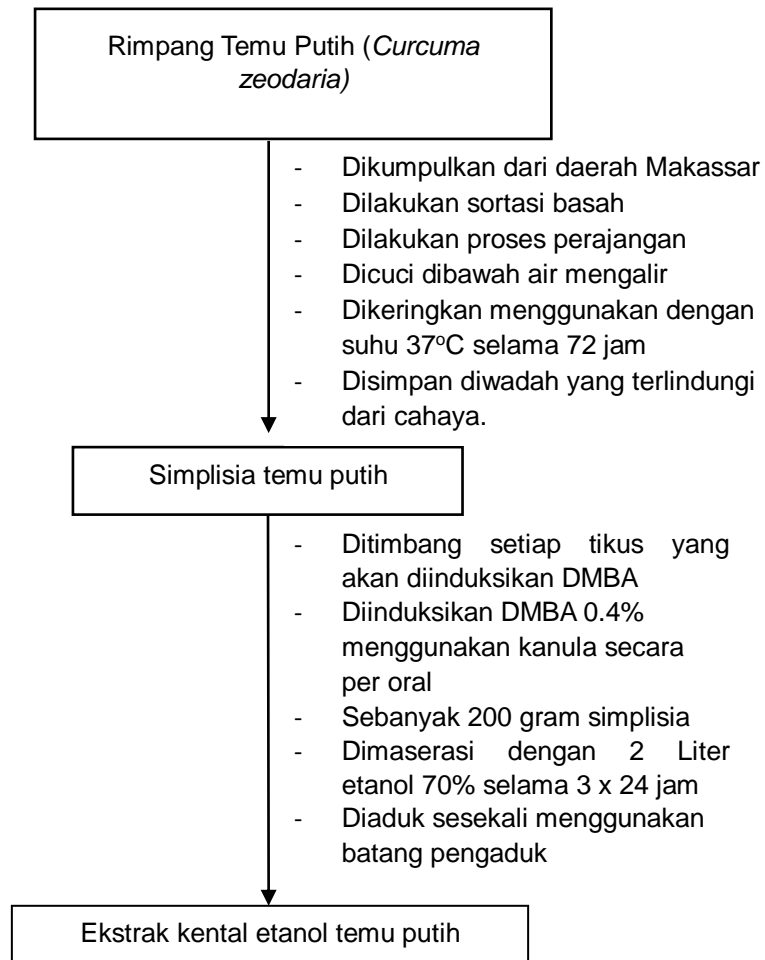
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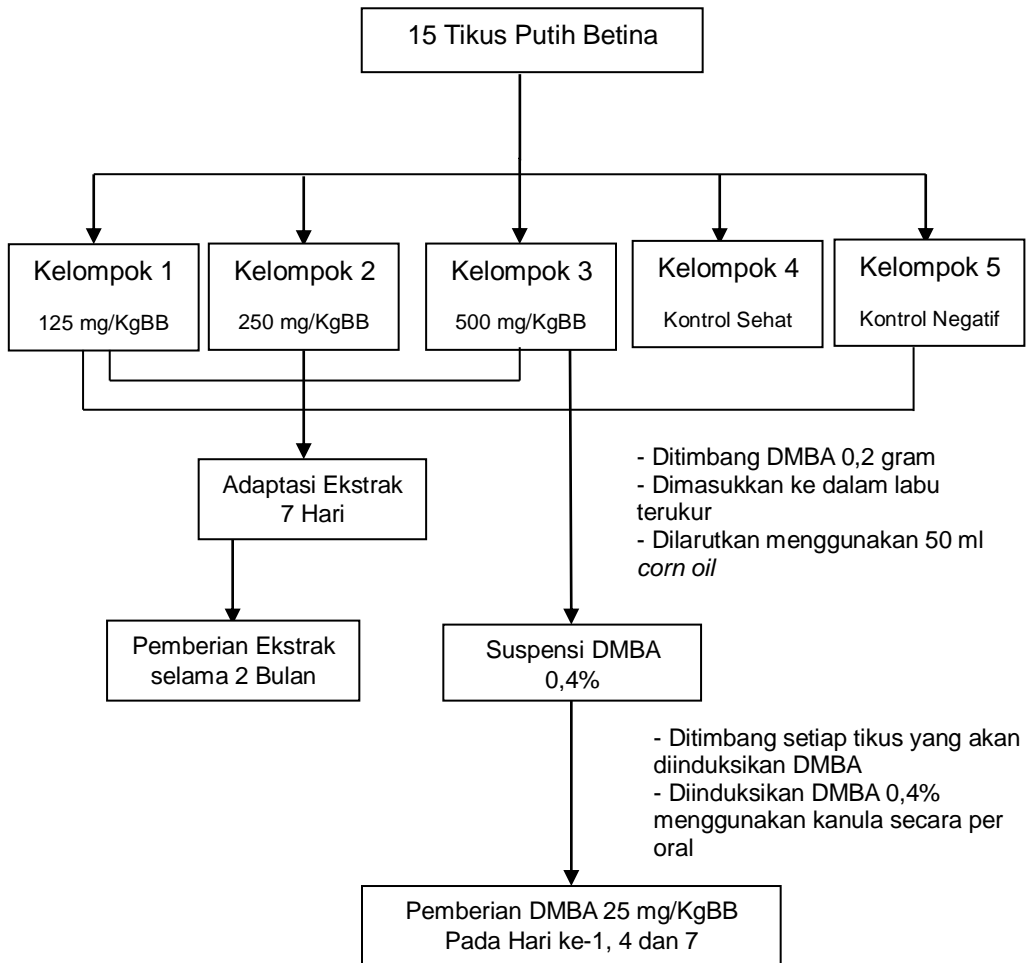
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LAMPIRAN

Lampiran 1. Skema Kerja Penyiapan Ekstrak kental etanol Temu Putih (*Curcuma zeodaria*)



Lampiran 2. Skema Kerja Rancangan Penelitian



Keterangan:

Kelompok 1	Kelompok Ekstrak 125 mg/KgBB (Hewan coba mendapatkan induksi DMBA dan juga diberikan ekstrak etanol temu putih dengan konsentrasi 125 mg/KgBB)
Kelompok 2	Kelompok Ekstrak 250 mg/KgBB (Hewan coba mendapatkan induksi DMBA dan juga diberikan ekstrak etanol temu putih dengan konsentrasi 250 mg/KgBB)
Kelompok 3	Kelompok Ekstrak 500 mg/KgBB (Hewan coba mendapatkan induksi DMBA dan juga diberikan ekstrak etanol temu putih dengan konsentrasi 500 mg/KgBB)

Kelompok 4	Kelompok sehat (Hewan yang tidak mendapatkan perlakuan sama sekali, hanya diberikan makan dan minum dalam jumlah yang tidak terbatas)
Kelompok 5	Kontrol Negatif (Hewan coba mendapatkan induksi DMBA melalui rute peroral sebanyak 3 kali pada hari ke-1, 4 dan 7 setelah itu diberi aquadest per hari)

Lampiran 3. Perhitungan

1. Dosis DMBA yang digunakan per tikus

$$\text{Untuk tikus } 200 \text{ g} = 200/1000 \times 25 \text{ mg} = 5 \text{ mg}$$

2. Pembuatan 50 ml DMBA 0,4%

Dosis oral 25 mg/KgBB

$$\text{DMBA } 0,4\% = 0,2 \text{ gram DMBA dalam } 50 \text{ ml } \textit{corn oil}$$

3. Pemberian suspensi dalam satuan ml

Untuk tikus 100 g = 1 ml suspensi

$$\text{Untuk tikus } 200 \text{ g} = 200 \text{ g}/100\text{g} \times 1 \text{ ml} = 2 \text{ ml suspensi}$$

4. Pembuatan Na CMC 1 %

1% = 1 gram zat terlarut dalam 100 ml zat pelarut

$$\text{NaCMC } 1\% = 2 \text{ gram NaCMC dalam } 200 \text{ ml Aquadest}$$

5. Kenaikan Kadar Neutrofil pada kelompok ekstrak

$$\text{Kadar Neutrofil Kontrol Negatif} = 54,2\%$$

$$\text{Kadar Neutrofil Kontrol Sehat} = 56,6\%$$

$$\text{Kelompok 1} = (62,8 - 54,2) / 54,2 \times 100\%$$

$$= 15,86\% \text{ (Penaikan kadar)}$$

$$\text{Kelompok 2} = (55,5 - 54,2) / 54,2 \times 100\%$$

$$= 2,39\% \text{ (Peningkatan kadar)}$$

$$\text{Kelompok 3} = (56,7 - 54,2) / 54,2 \times 100\%$$

$$= 4,61\% \text{ (Penaikan kadar)}$$

$$\text{Kelompok Negatif} = (54,2 - 56,6) / 56,6 \times 100\%$$

$$= -4,24\% \text{ (Penurunan kadar)}$$

6. Kenaikan Kadar Limfosit pada kelompok ekstrak

$$\text{Kadar Limfosit Kontrol Negatif} = 25,2\%$$

$$\text{Kadar Limfosit Kontrol Sehat} = 30,9\%$$

$$\begin{aligned} \text{Kelompok 1} &= (32,4 - 25,2) / 25,2 \times 100\% \\ &= 28,57\% \text{ (Penaikan kadar)} \end{aligned}$$

$$\begin{aligned} \text{Kelompok 2} &= (32,9 - 30,9) / 25,2 \times 100\% \\ &= 30,55\% \text{ (Penaikan kadar)} \end{aligned}$$

$$\begin{aligned} \text{Kelompok 3} &= (30 - 30,9) / 25,2 \times 100\% \\ &= 19,04\% \text{ (Peningkatan kadar)} \end{aligned}$$

$$\begin{aligned} \text{Kelompok Negatif} &= (25,2 - 30,9) / 30,9 \times 100\% \\ &= -18,44\% \text{ (Penurunan kadar)} \end{aligned}$$

7. Kenaikan Kadar Monosit pada kelompok ekstrak

Kadar Monosit Kontrol Negatif = 2,9%

Kadar Monosit Kontrol Sehat = 5,6%

$$\begin{aligned} \text{Kelompok 1} &= (4,4 - 2,9) / 2,9 \times 100\% \\ &= 51,72\% \text{ (Peningkatan kadar)} \end{aligned}$$

$$\begin{aligned} \text{Kelompok 2} &= (3,3 - 2,9) / 2,9 \times 100\% \\ &= 13,79\% \text{ (Peningkatan kadar)} \end{aligned}$$

$$\begin{aligned} \text{Kelompok 3} &= (4,9 - 2,9) / 2,9 \times 100\% \\ &= 68,96\% \text{ (Peningkatan kadar)} \end{aligned}$$

$$\begin{aligned} \text{Kelompok Negatif} &= (2,9 - 5,6) / 5,6 \times 100\% \\ &= -48,21\% \text{ (Penurunan kadar)} \end{aligned}$$

8. Kenaikan Kadar Eosinofil pada kelompok ekstrak

Kadar Eosinofil Kontrol Negatif = 5%

Kadar Eosinofil Kontrol Sehat = 6,1%

$$\begin{aligned} \text{Kelompok 1} &= (4,9 - 5) / 5 \times 100\% \\ &= 2\% \text{ (Peningkatan kadar)} \end{aligned}$$

$$\begin{aligned} \text{Kelompok 2} &= (5,5 - 5) / 5 \times 100\% \\ &= 10\% \text{ (Peningkatan kadar)} \end{aligned}$$

$$\text{Kelompok 3} = (1,8 - 5) / 5 \times 100\%$$

$$= -64\% \text{ (Penurunan kadar)}$$

$$\text{Kelompok Negatif} = (5-6,1) / 6,1 \times 100\%$$

$$= -18,03\% \text{ (Penurunan kadar)}$$

9. Kenaikan Kadar Basofil pada kelompok ekstrak

Kadar Basofil Kontrol Negatif = 0%

Kadar Basofil Kontrol Sehat = 0%

$$\text{Kelompok 1} = (0,1 - 0) / 0 \times 100\%$$

$$= 10\% \text{ (Penaikan kadar)}$$

$$\text{Kelompok 2} = (0 - 0) / 0 \times 100\%$$

$$= 0\% \text{ (Kadar tetap)}$$

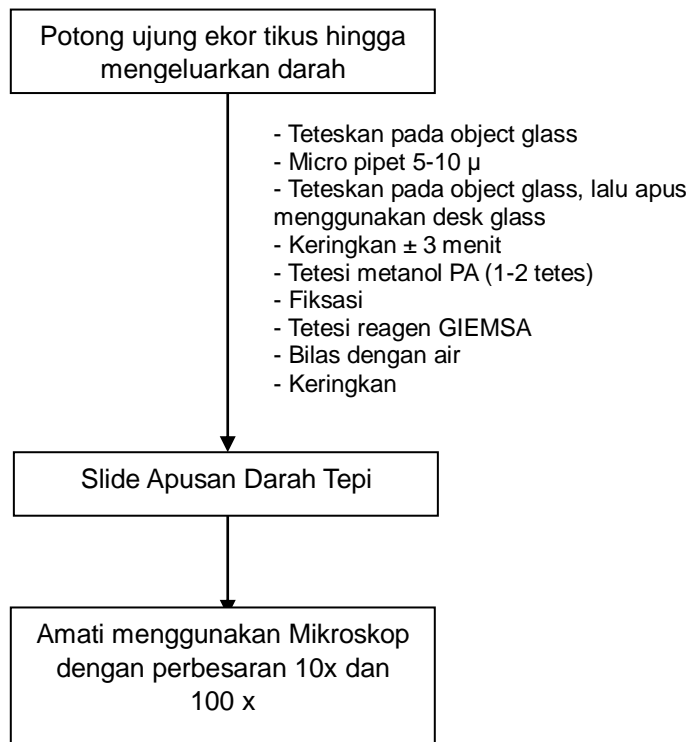
$$\text{Kelompok 3} = (0 - 0) / 0 \times 100\%$$

$$= 0\% \text{ (Kadar tetap)}$$

$$\text{Kelompok Negatif} = (0,0) / 0 \times 100\%$$

$$= 0\% \text{ (Kadar tetap)}$$

Lampiran 4. Skema Kerja Uji Apusan Darah Tepi



Lampiran 5. Hasil Tes One Way Anova SPSS

Tabel 2. Hasil One Way Anova Neutrofil

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Perlakuan	Based on Mean	2.772	5	9	.087
	Based on Median	2.772	5	9	.087
	Based on Median and with adjusted df	2.772	5	5.000	.144
	Based on trimmed mean	2.772	5	9	.087

ANOVA

Perlakuan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	34.500	15	2.300	1.335	.338
Within Groups	15.500	9	1.722		
Total	50.000	24			

Tabel 3. Hasil One Way Anova Limfosit

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Perlakuan	Based on Mean	3.775	6	10	.032
	Based on Median	1.506	6	10	.270
	Based on Median and with adjusted df	1.506	6	5.158	.332
	Based on trimmed mean	3.576	6	10	.037

ANOVA

Perlakuan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	35.000	14	2.500	1.667	.210
Within Groups	15.000	10	1.500		
Total	50.000	24			

Tabel 4. Hasil One Way Anova Monosit

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Perlakuan	Based on Mean	3.265	6	16	.027
	Based on Median	.992	6	16	.463
	Based on Median and with adjusted df	.992	6	7.786	.490
	Based on trimmed mean	2.830	6	16	.045

ANOVA

Perlakuan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	19.500	8	2.437	1.279	.320
Within Groups	30.500	16	1.906		
Total	50.000	24			

Tabel 5. Hasil One Way Anova Eosinofil

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Perlakuan	Based on Mean	14.419	5	16	.000
	Based on Median	5.334	5	16	.005
	Based on Median and with adjusted df	5.334	5	5.276	.041
	Based on trimmed mean	13.485	5	16	.000

ANOVA

Perlakuan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	7.467	8	.933	.351	.932
Within Groups	42.533	16	2.658		
Total	50.000	24			

Tabel 6. Hasil One Way Anova Basofil**Test of Homogeneity of Variances**

Perlakuan	Based on Mean	Levene Statistic
		. ^a

a. Levene's Test of Equality of Error Variances is not computed because there are less than two nonempty groups.

ANOVA

Perlakuan	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4.167	1	4.167	2.091	.162
Within Groups	45.833	23	1.993		
Total	50.000	24			

Lampiran 6. Dokumentasi penelitian



Gambar 7. Sampel temu putih



Gambar 8. Pengolahan temu putih



Gambar 9. Pengeringan



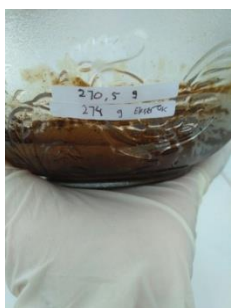
Gambar 10. Simplisia temu putih



Gambar 11. Simplisia serbuk temu putih



Gambar 12. Maserasi



Gambar 13. Ekstrak kental temu putih



Gambar 14. Penimbangan bobot tikus



Gambar 15. Pemberian ekstrak per oral