Lampiran 1

Perhitungan dosis

Dosis 1 ekstrak air yang setara dengan 3 g Dosis Manusia (Diana Krisanti Jasaputra, 2008)

3 g X 0,0026 = 0,0078 g/ Mencit 20 g

= 0,0078 g X 50 Kg/BB = 0,39 g/KgBB

Dosis 1 ekstrak etanol yang setara dengan 3 g Dosis Manusia:

3 g X 0,0026 X 5% = 0,0078 g X 5 %/ Mencit 20 g = 0,39 mg / Mencit 20 g

= 0,39 mg X 50 Kg/BB

= 19,5 mg/KgBB

Dosis 2 ekstrak air yang setara dengan 7,5 g Dosis Manusia:

7,5 g X 0,0026 = 0,0195 g/ Mencit 20 g

= 0,0195 g X 50 Kg/BB = 0,975 g/KgBB

Dosis 2 ekstrak etanol yang setara dengan 7,5 g Dosis Manusia;

7,5 g X 0,0026 X 5% = 0,0195 g X 5%/ Mencit 20 g = 0,975 mg / Mencit 20 g

= 0,975 mg X 50 Kg/BB

= 48,75 mg/KgBB

Dosis 3 ekstrak air yang setara dengan 15 g Dosis Manusia:

15 g X 0,0026 = 0,039 g/ Mencit 20 g

= 0,039 g X 50 Kg/BB = 1,95 g/KgBB

Dosis 3 ekstrak etanol yang setara dengan 15 g Dosis Manusia:

15 g X 0,0026 X 5% = 0,039 X 5%/ Mencit 20 g = 1,95 mg / Mencit 20 g

= 1,95 mg X 50 KgBB

= 97,5 mg/KgBB

Dosis 4 ekstrak air yang setara dengan 30 g Dosis Manusia:

30 g X 0,0026 = 0,078 g/ Mencit 20 g

= 0,078 g X 50 Kg/BB = 3,9 g/KgBB

Dosis 4 ekstrak etanol yang setara dengan 30 g Dosis Manusia:

30 g X 0,0026 X 5% = 0,078 X 5%/ Mencit 20 g = 3,9 mg / Mencit 20 g

= 3,9 mg X 50 KgBB

= 195 mg/KgBB

Lampiran 2

Alur Kerja

mencit diadaptasikan selama 7 hari dengan suasana laboratorium

↓

punggung mencit dicukur untuk semua kelompok

↓

punggung mencit semua kelompok pada penelitian disuntik Ovalbumin 10% intrakutan masing-masing pada hari ke-1 dan 7

↓

pada hari ke-21, mencit-mencit kelompok uji dan kontrol pembanding diberikan bahan uji per oral dengan menggunakan sonde oral sedangkan kelompok pembanding memperoleh Loratadin

↓

satu jam kemudian, mencit-mencit kelompok uji dan kontrol pembanding disuntik Ovalbumin 10% intrakutan

↓

setiap mencit masing-masing kelompok, 24 jam kemudian diambil darahnya melalui ekor untuk dibuat Sediaan Apus Darah Tepi (SADT) dan diwarnai dengan pewarnaan Giemsa, guna penghitungan persentase eosinofil

Lampiran 3

Uji statistik

Uji statistik Penelitian dengan Bahab Uji Ekstrak Air Jombang (EAJ) dengan parameter persentase jumlah eosinofil (%) pada sediaan apus darah tepi

One Way Analysis of Variance Friday, January 02, 2009, 4:56:25 PM

Data source: Data 1 in Notebook 2

Normality Test: Failed (P = 0.003)

Test execution ended by user request, ANOVA on Ranks begun

Kruskal-Wallis One Way Analysis of Variance on Ranks Friday, January 02, 2009, 4:56:25 PM

Data source: Data 1 in Notebook 2

Group	N	Missing	Median	25%	75%
Col 1	6	0	36.000	35.000	37.000
Col 2	6	0	31.500	30.000	35.000
Col 3	6	0	31.000	28.000	47.000
Col 4	6	0	26.000	23.000	38.000
Col 5	6	0	47.000	44.000	47.000
Col 6	6	0	21.500	21.000	25.000

H = 19.962 with 5 degrees of freedom. (P = 0.001)

The differences in the median values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = 0.001)

To isolate the group or groups that differ from the others use a multiple comparison procedure.

All Pairwise Multiple Comparison Procedures (Student-Newman-Keuls Method) :

Comparison	Diff of Ranks	q	P<0.05
Col 5 vs Col 6	151.000	5.851	Yes
Col 5 vs Col 4	111.000	5.148	Yes
Col 5 vs Col 2	93.000	5.369	Yes
Col 5 vs Col 3	77.000	5.888	Yes
Col 5 vs Col 1	54.000	6.114	Yes
Col 1 vs Col 6	97.000	4.498	Yes
Col 1 vs Col 4	57.000	3.291	No
Col 1 vs Col 2	39.000	2.982	Do Not Test
Col 1 vs Col 3	23.000	2.604	Do Not Test
Col 3 vs Col 6	74.000	4.272	Yes
Col 3 vs Col 4	34.000	2.600	Do Not Test
Col 3 vs Col 2	16.000	1.812	Do Not Test
Col 2 vs Col 6	58.000	4.435	Yes

Col 2 vs Col 4	18.000	2.038	Do Not Test
Col 4 vs Col 6	40.000	4.529	Yes

Note: The multiple comparisons on ranks do not include an adjustment for ties.

Uji Statistik penelitian dengan Bahan Uji Ekstrak Etanol Jombang (EEJ) dengan parameter persentase jumlah eosinofil (%) pada sediaan apus darah tepi

One Way Analysis of Variance Friday, January 02, 2009, 4:59:42 PM

Data source: Data 1 in Notebook 3

Normality Test: Passed (P > 0.050)

Equal Variance Test: Passed (P = 0.986)

Group Name	N	Missing	Mean	Std Dev	SEM
Col 1	6	0	27.833	5.154	2.104
Col 2	6	0	21.333	3.445	1.406
Col 3	6	0	23.167	5.076	2.072
Col 4	6	0	29.833	5.947	2.428
Col 5	6	0	46.833	5.879	2.400
Col 6	6	0	23.833	4.750	1.939

Source of Variation	DF	SS	MS	F	P
Between Groups	5	2636.139	527.228	20.187	<0.001
Residual	30	783.500	26.117		
Total	35	3419.639			

The differences in the mean values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001).

Power of performed test with alpha = 0.050: 1.000

All Pairwise Multiple Comparison Procedures (Duncan's Method) :

Comparisons for factor:

Comparison	Diff of Means	p	q	P	P<0.050
Col 5 vs. Col 2	25.500		612.222	--	Yes
Col 5 vs. Col 3	23.667		511.344	--	Yes
Col 5 vs. Col 6	23.000		411.024	--	Yes
Col 5 vs. Col 1	19.000	3	9.107	--	Yes
Col 5 vs. Col 4	17.000	2	8.148	--	Yes
Col 4 vs. Col 2	8.500	5	4.074	--	Yes
Col 4 vs. Col 3	6.667	4	3.195	--	Yes
Col 4 vs. Col 6	6.000	3	2.876	--	No
Col 4 vs. Col 1	2.000	2	0.959	--	Do Not Test
Col 1 vs. Col 2	6.500	4	3.116	--	No
Col 1 vs. Col 3	4.667	3	2.237	--	Do Not Test

Col 1 vs. Col 6	4.000	2 1.917	--	Do Not Test
Col 6 vs. Col 2	2.500	3 1.198	--	Do Not Test
Col 6 vs. Col 3	0.667	2 0.320	--	Do Not Test
Col 3 vs. Col 2	1.833	2 0.879	--	Do Not Test

Note: The P values for Dunnett's and Duncan's tests are currently unavailable except for reporting that the P's are greater or less than the critical values of .05 and .01.

A result of "Do Not Test" occurs for a comparison when no significant difference is found between two means that enclose that comparison. For example, if you had four means sorted in order, and found no difference between means 4 vs. 2, then you would not test 4 vs. 3 and 3 vs. 2, but still test 4 vs. 1 and 3 vs. 1 (4 vs. 3 and 3 vs. 2 are enclosed by 4 vs. 2: 4 3 2 1). Note that not testing the enclosed means is a procedural rule, and a result of Do Not Test should be treated as if there is no significant difference between the means, even though one may appear to exist.

Uji statistik penelitian perbandingan pengaruh ekstrak air jombang (EAJ) dan Ekstrak Etanol Jombang (EEJ) dengan parameter persentase jumlah eosinofil (%) pada sediaan apus darah tepi

One Way Analysis of Variance Friday, January 02, 2009, 5:02:28 PM

Data source: Data 1 in Notebook 4

Normality Test: Failed (P = 0.044)

Test execution ended by user request, ANOVA on Ranks begun

Kruskal-Wallis One Way Analysis of Variance on Ranks Friday, January 02, 2009, 5:02:28 PM

Data source: Data 1 in Notebook 4

Group	N	Missing	Median	25%	75%
Col 1	6	0	31.500	30.000	35.000
Col 2	6	0	21.000	18.000	24.000
Col 3	6	0	47.000	44.000	47.000
Col 4	6	0	21.500	21.000	25.000

H = 18.487 with 3 degrees of freedom. (P = <0.001)

The differences in the median values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001)

To isolate the group or groups that differ from the others use a multiple comparison procedure.

All Pairwise Multiple Comparison Procedures (Student-Newman-Keuls Method) :

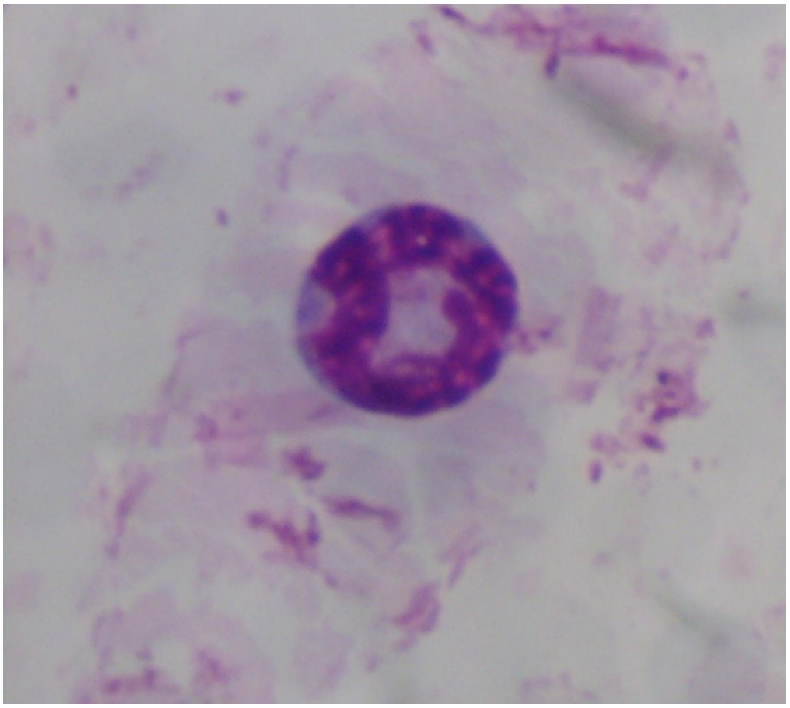
Comparison	Diff of Ranks	q	P<0.05
Col 3 vs Col 2	95.000	5.485	Yes
Col 3 vs Col 4	81.000	6.194	Yes
Col 3 vs Col 1	40.000	4.529	Yes
Col 1 vs Col 2	55.000	4.206	Yes
Col 1 vs Col 4	41.000	4.642	Yes
Col 4 vs Col 2	14.000	1.585	No

Note: The multiple comparisons on ranks do not include an adjustment for ties.

Lampiran 4

Gambar eosinofil pada mencit galur *Swiss Webster*

Perbesaran 1000x



Gambar 1 Eosinofil

RIWAYAT HIDUP

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2. SD Mardi Yuana, Cibadak-Sukabumi. Lulus tahun 1999
3. SMP Yuwati Bhakti, Sukabumi. Lulus tahun 2002
4. SMU Mardi Yuana, Sukabumi. Lulus tahun 2005

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