

## LAMPIRAN

### 1. Penentuan dosis tiap kelompok

10kg berat basah ubi jalar ungu → 3kg berat simplisia -->  $\frac{3}{10} \times 100\% = 30\%$

Dosis	Berat serbuk	Ekstrak gram	Konversi	Per 20 gram mencit			
100	30	3.18	0.0026	0.008	dosis 1	<b>0.4134</b>	g/kgbb
200	60	6.36	0.0026	0.017	dosis 2	<b>0.8268</b>	g/kgbb
400	120	12.72	0.0026	0.033	dosis 3	<b>1.6536</b>	g/kgbb

#### BB 20g

lama (hr)	kbthn ekstrak	dosis/mencit	dlm mg/mencit	kbthn/hr	DOSIS MG/KGbb	volume pemberian
28	1.21	0.0062	6.188	43.32	<b>309.4</b>	<b>0.12376ml</b>
28	2.43	0.0124	12.376	86.63	<b>618.8</b>	<b>0.24752ml</b>
28	4.85	0.0248	24.752	173.26	<b>1237.6</b>	<b>0.49504ml</b>

#### BB minggu-1

dosis ubi	rata-2 brt mnct(gr)	jml/klpk	Lama (hr)	kbthn ekstrak	dosis/mencit	dlm mg/mencit	Kbthn /hr	dosis mg/kgbb	Volume pemberian
0.21	22	7	28	0.88	0.0045	4.51	31.57	<b>205</b>	<b>0.064ml</b>
0.42	24.42	7	28	1.78	0.0091	9.0948	63.66	<b>413.4</b>	<b>0.130ml</b>
0.84	21.71	7	28	3.96	0.0202	20.190456	141.33	<b>826.8</b>	<b>0.288ml</b>
1.65	21.14	7	28	7.04	0.0359	35.899656	251.30	<b>1653.6</b>	<b>0.513ml</b>

#### BB minggu-2

dosis ubi	rata-2 brt mnct(gr)	jml/klpk	lama (hr)	kbthn ekstrak	Dosis /mencit	dlm mg /mencit	Kbthn /hr	dosis mg /kgbb	volume pemberian
0.21	26.65	7	28	1.07	0.0055	5.46325	38.24	<b>205</b>	<b>0.078ml</b>
0.42	30.71	7	28	2.16	0.0110	11.01711	77.12	<b>413.4</b>	<b>0.157ml</b>
0.84	26	7	28	4.98	0.0254	25.391028	177.74	<b>826.8</b>	<b>0.363ml</b>
1.65	27	7	28	8.43	0.0430	42.9936	300.96	<b>1653.6</b>	<b>0.614ml</b>

#### BB minggu-3

dosis uwi	rata-2 brt mnct(gr)	Jml /klpk	lama (hr)	kbthn ekstrak	Dosis /mencit	dlm mg /mencit	Kbthn /hr	dosis mg /kgbb	volume pemberian
0.21	30.42	7	28	1.22	0.0062	6.2361	43.65	<b>205</b>	<b>0.089ml</b>
0.42	34.71	7	28	2.81	0.0126	12.575628	88.03	<b>413.4</b>	<b>0.180ml</b>
0.84	32.57	7	28	5.28	0.0287	28.698228	200.89	<b>826.8</b>	<b>0.410ml</b>

1.65	31.57	7	28	10.23	0.0539	53.857752	377.00	<b>1653.6</b>	<b>0.769ml</b>
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BB minggu 4

dosis ubi	rata-2 brt mnct(gr)	Jml /klpk	lama (hr)	kbthn ekstrak	Dosis /mencit	dlm mg /mencit	Kbthn /hr	dosis mg /kgbb	volume pemberian
0.21	30.71	7	28	1.23	0.0063	6.29555	44.07	<b>205</b>	<b>0.090ml</b>
0.42	34.57	7	28	2.80	0.0127	12.69551	88.87	<b>413.4</b>	<b>0.181ml</b>
0.84	33.71	7	28	5.46	0.0286	28.58248	200.08	<b>826.8</b>	<b>0.408ml</b>
1.65	32.71	7	28	10.60	0.0557	55.74286	390.20	<b>1653.6</b>	<b>0.796ml</b>

## 2. Hasil Analisis Data

### Case Processing Summary

Kelompok Perlakuan	Cases						
	Valid		Missing		Total		
	N	Percent	N	Percent	N	Percent	
Derajat Peradangan	Kontrol	4	100.0%	0	.0%	4	100.0%
	Ekstrak 0.0	4	100.0%	0	.0%	4	100.0%
	Ekstrak 0.21	4	100.0%	0	.0%	4	100.0%
	Ekstrak 0.42	4	100.0%	0	.0%	4	100.0%
	Ekstrak 0.84	4	100.0%	0	.0%	4	100.0%
	Ekstrak 1.65	4	100.0%	0	.0%	4	100.0%
	Kontrol Positif	4	100.0%	0	.0%	4	100.0%

### Tests of Normality

Kelompok Perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
Derajat Peradangan	Kontrol	.324	4	.	.870	4	.297
	Ekstrak 0.0	.250	4	.	.927	4	.577
	Ekstrak 0.21	.240	4	.	.929	4	.590
	Ekstrak 0.42	.185	4	.	.972	4	.855
	Ekstrak 0.84	.269	4	.	.878	4	.332
	Ekstrak 1.65	.252	4	.	.882	4	.348
	Kontrol Positif	.245	4	.	.916	4	.512

## Descriptives

Kelompok Perlakuan		Statistic	Std. Error
Kontrol	Mean	2.17	0.29547
	95% Lower Confidence Bound	1.2297	
	Interval for Mean Upper Bound	3.1103	
	5% Trimmed Mean	2.1889	
	Median	2.34	
	Variance	0.349	
	Std. Deviation	0.59093	
	Minimum	1.32	
	Maximum	2.68	
	Range	1.36	
	Interquartile Range	1.05	
	Skewness	-1.512	1.014
	Kurtosis	2.699	2.619
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Derajat Peradangan	Mean	3.8	0.0432
	95% Confidence Interval for Mean	Lower Bound	
		Upper Bound	
	5% Trimmed Mean	3.8022	
	Median	3.82	
	Variance	0.007	
	Std. Deviation	0.08641	
	Minimum	3.68	
	Maximum	3.88	
	Range	0.2	
	Interquartile Range	0.16	
	Skewness	-1.19	1.014
	Kurtosis	1.5	2.619
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Ekstrak 0.0	Mean	3.06	0.32599
	95% Confidence Interval for Mean	Lower Bound	
		Upper Bound	
5% Trimmed Mean	3.0644		
Ekstrak 0.21	Mean	3.06	0.32599
	95% Confidence Interval for Mean	Lower Bound	
		Upper Bound	
5% Trimmed Mean	3.0644		

	Median	3.1	
	Variance	0.425	
	Std. Deviation	0.65197	
	Minimum	2.32	
	Maximum	3.72	
	Range	1.4	
	Interquartile Range	1.24	
	Skewness	-0.2	1.014
	Kurtosis	-3.647	2.619
	Mean	2.52	0.12437
	95% Confidence Interval for Mean	Lower Bound	
		Upper Bound	
	5% Trimmed Mean	2.52	
	Median	2.52	
Ekstrak 0.42	Variance	0.062	
	Std. Deviation	0.24873	
	Minimum	2.24	
	Maximum	2.8	
	Range	0.56	
	Interquartile Range	0.48	
	Skewness	0	1.014
	Kurtosis	-2.433	2.619
	Mean	2.06	0.17701
	95% Confidence Interval for Mean	Lower Bound	
		Upper Bound	
	5% Trimmed Mean	2.0578	
	Median	2.04	
Ekstrak 0.84	Variance	0.125	
	Std. Deviation	0.35402	
	Minimum	1.72	
	Maximum	2.44	
	Range	0.72	
	Interquartile Range	0.66	
	Skewness	0.13	1.014
	Kurtosis	-4.773	2.619
Ekstrak	Mean	2.88	0.05888

1.65		Lower Bound	
	95% Confidence Interval for Mean	Upper Bound	
	5% Trimmed Mean	2.88	
	Median	2.88	
	Variance	0.014	
	Std. Deviation	0.11776	
	Minimum	2.76	
	Maximum	3	
	Range	0.24	
	Interquartile Range	0.22	
	Skewness	0	1.014
	Kurtosis	-4.891	2.619
	Mean	2.25	0.11358
		Lower Bound	
	95% Confidence Interval for Mean	Upper Bound	
	5% Trimmed Mean	2.2511	
	Median	2.26	
Kontrol Positif	Variance	0.052	
	Std. Deviation	0.22716	
	Minimum	2	
	Maximum	2.48	
	Range	0.48	
	Interquartile Range	0.43	
	Skewness	-0.13	1.014
	Kurtosis	-4.115	2.619

### Test of Homogeneity of Variances

Derajat Peradangan

Levene Statistic	df1	df2	Sig.
5.123	6	21	0.002

### Tests of Normality

	Kelompok Perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Derajat Peradangan	Kontrol	.324	4	.	.870	4	.297
	Ekstrak 0.0	.250	4	.	.927	4	.577

Ekstrak 0.21	.240	4	.	.929	4	.590
Ekstrak 0.42	.185	4	.	.972	4	.855
Ekstrak 0.84	.269	4	.	.878	4	.332
Ekstrak 1.65	.252	4	.	.882	4	.348
Kontrol Positif	.245	4	.	.916	4	.512

a. Lilliefors Significance Correction

### ANOVA

Derajat Peradangan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	9.175	6	1.529	10.348	.000
Within Groups	3.103	21	.148		
Total	12.278	27			

### Multiple Comparisons

Dependent Variable: Derajat Peradangan

	(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I- J)	Std. Error	Sig.	95% Confidence Interval		
						Lower Bound	Upper Bound	
Tukey HSD	Kontrol	Ekstrak 0.0	-1.63000*	.27182	.000	-2.5136	-.7464	
		Ekstrak 0.21	-.89000*	.27182	.048	-1.7736	-.0064	
		Ekstrak 0.42	-.35000	.27182	.850	-1.2336	.5336	
		Ekstrak 0.83	.11000	.27182	1.000	-.7736	.9936	
		Ekstrak 1.65	-.71000	.27182	.172	-1.5936	.1736	
		Kontrol Positif	-.08000	.27182	1.000	-.9636	.8036	
	Ekstrak 0.0	Kontrol	Ekstrak 0.0	1.63000*	.27182	.000	.7464	2.5136
			Ekstrak 0.21	.74000	.27182	.141	-.1436	1.6236
			Ekstrak 0.42	1.28000*	.27182	.002	.3964	2.1636
			Ekstrak 0.84	1.74000*	.27182	.000	.8564	2.6236
			Ekstrak 1.65	.92000*	.27182	.038	.0364	1.8036
			Kontrol Positif	1.55000*	.27182	.000	.6664	2.4336
Ekstrak 0.21	Kontrol	Ekstrak 0.0	.89000*	.27182	.048	.0064	1.7736	
		Ekstrak 0.0	-.74000	.27182	.141	-1.6236	.1436	
		Ekstrak 0.42	.54000	.27182	.451	-.3436	1.4236	

		Ekstrak 0.84	1.00000*	.27182	.020	.1164	1.8836
		Ekstrak 1.65	.18000	.27182	.993	-.7036	1.0636
		Kontrol Positif	.81000	.27182	.086	-.0736	1.6936
Ekstrak 0.41	Kontrol		.35000	.27182	.850	-.5336	1.2336
		Ekstrak 0.0	-1.28000*	.27182	.002	-2.1636	-.3964
		Ekstrak 0.21	-.54000	.27182	.451	-1.4236	.3436
		Ekstrak 0.84	.46000	.27182	.628	-.4236	1.3436
		Ekstrak 1.65	-.36000	.27182	.833	-1.2436	.5236
		Kontrol Positif	.27000	.27182	.950	-.6136	1.1536
Ekstrak 0.83	Kontrol		-.11000	.27182	1.000	-.9936	.7736
		Ekstrak 0.0	-1.74000*	.27182	.000	-2.6236	-.8564
		Ekstrak 0.21	-1.00000*	.27182	.020	-1.8836	-.1164
		Ekstrak 0.42	-.46000	.27182	.628	-1.3436	.4236
		Ekstrak 1.65	-.82000	.27182	.080	-1.7036	.0636
		Kontrol Positif	-.19000	.27182	.991	-1.0736	.6936
Ekstrak 1.65	Kontrol		.71000	.27182	.172	-.1736	1.5936
		Ekstrak 0.0	-.92000*	.27182	.038	-1.8036	-.0364
		Ekstrak 0.21	-.18000	.27182	.993	-1.0636	.7036
		Ekstrak 0.42	.36000	.27182	.833	-.5236	1.2436
		Ekstrak 0.84	.82000	.27182	.080	-.0636	1.7036
		Kontrol Positif	.63000	.27182	.281	-.2536	1.5136
Kontrol Positif	Kontrol		.08000	.27182	1.000	-.8036	.9636
		Ekstrak 0.0	-1.55000*	.27182	.000	-2.4336	-.6664
		Ekstrak 0.21	-.81000	.27182	.086	-1.6936	.0736
		Ekstrak 0.42	-.27000	.27182	.950	-1.1536	.6136
		Ekstrak 0.84	.19000	.27182	.991	-.6936	1.0736
		Ekstrak 1.65	-.63000	.27182	.281	-1.5136	.2536
LSD	Kontrol	Ekstrak 0.0	-1.63000*	.27182	.000	-2.1953	-1.0647
		Ekstrak 0.21	-.89000*	.27182	.004	-1.4553	-.3247
		Ekstrak 0.42	-.35000	.27182	.212	-.9153	.2153

	Ekstrak 0.84	.11000	.27182	.690	-.4553	.6753
	Ekstrak 1.65	-.71000*	.27182	.016	-1.2753	-.1447
	Kontrol Positif	-.08000	.27182	.771	-.6453	.4853
Ekstrak 0.0	Kontrol	1.63000*	.27182	.000	1.0647	2.1953
	Ekstrak 0.21	.74000*	.27182	.013	.1747	1.3053
	Ekstrak 0.42	1.28000*	.27182	.000	.7147	1.8453
	Ekstrak 0.84	1.74000*	.27182	.000	1.1747	2.3053
	Ekstrak 1.65	.92000*	.27182	.003	.3547	1.4853
	Kontrol Positif	1.55000*	.27182	.000	.9847	2.1153
Ekstrak 0.21	Kontrol	.89000*	.27182	.004	.3247	1.4553
	Ekstrak 0.0	-.74000*	.27182	.013	-1.3053	-.1747
	Ekstrak 0.42	.54000	.27182	.060	-.0253	1.1053
	Ekstrak 0.84	1.00000*	.27182	.001	.4347	1.5653
	Ekstrak 1.65	.18000	.27182	.515	-.3853	.7453
	Kontrol Positif	.81000*	.27182	.007	.2447	1.3753
Ekstrak 0.41	Kontrol	.35000	.27182	.212	-.2153	.9153
	Ekstrak 0.0	-1.28000*	.27182	.000	-1.8453	-.7147
	Ekstrak 0.21	-.54000	.27182	.060	-1.1053	.0253
	Ekstrak 0.84	.46000	.27182	.105	-.1053	1.0253
	Ekstrak 1.65	-.36000	.27182	.200	-.9253	.2053
	Kontrol Positif	.27000	.27182	.332	-.2953	.8353
Ekstrak 0.83	Kontrol	-.11000	.27182	.690	-.6753	.4553
	Ekstrak 0.0	-1.74000*	.27182	.000	-2.3053	-1.1747
	Ekstrak 0.21	-1.00000*	.27182	.001	-1.5653	-.4347
	Ekstrak 0.42	-.46000	.27182	.105	-1.0253	.1053
	Ekstrak 1.65	-.82000*	.27182	.007	-1.3853	-.2547
	Kontrol Positif	-.19000	.27182	.492	-.7553	.3753
Ekstrak 1.65	Kontrol	.71000*	.27182	.016	.1447	1.2753
	Ekstrak 0.0	-.92000*	.27182	.003	-1.4853	-.3547
	Ekstrak 0.21	-.18000	.27182	.515	-.7453	.3853
	Ekstrak 0.42	.36000	.27182	.200	-.2053	.9253
	Ekstrak 0.84	.82000*	.27182	.007	.2547	1.3853



	Kontrol Positif	.63000*	.27182	.031	.0647	1.1953
Kontrol	Kontrol	.08000	.27182	.771	-.4853	.6453
Positif	Ekstrak 0.0	-1.55000*	.27182	.000	-2.1153	-.9847
	Ekstrak 0.21	-.81000*	.27182	.007	-1.3753	-.2447
	Ekstrak 0.42	-.27000	.27182	.332	-.8353	.2953
	Ekstrak 0.84	.19000	.27182	.492	-.3753	.7553
	Ekstrak 1.65	-.63000*	.27182	.031	-1.1953	-.0647

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

#### Derajat Peradangan

Kelompok Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
Tukey HSD <sup>a</sup> Ekstrak 0.84	4	2.0600		
Kontrol	4	2.1700		
Kontrol Positif	4	2.2500	2.2500	
Ekstrak 0.42	4	2.5200	2.5200	
Ekstrak 1.65	4	2.8800	2.8800	
Ekstrak 0.21	4		3.0600	3.0600
Ekstrak 0.0	4			3.8000
Sig.		.080	.086	.141

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4,000.

#### Descriptive Statistics

	N	Range	Minimum	Maximum	Mean	Std. Deviation	Variance
Kelompok Perlakuan	28	6.00	1.00	7.00	4.0000	2.03670	4.148
Derajat Peradangan	28	2.56	1.32	3.88	2.6771	.67435	.455
Valid N (listwise)	28						

#### 3. Dosis Fexofenadine

Dosis fexofenadine	
0.02	mg/mencit/hr
0.5	ml
0.04	mg/ml

**Kelompok 1 (kontrol negatif)**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	Rata2
I.1	4	4	4	4	3	2	3	4	3	3	2	1	2	3	3	2	1	2	2	3	1	2	3	3	3	2.68
I.2	0	0	0	1	1	2	1	1	1	3	0	3	2	3	1	3	0	0	1	3	0	2	0	2	3	1.32
I.3	1	2	2	1	1	2	2	3	3	2	3	3	3	2	3	3	2	3	2	2	3	2	3	3	1	2.28
I.4	2	3	3	3	3	3	2	2	2	3	2	2	1	2	2	3	3	3	3	3	2	3	1	2	2	2.4
<b>Rata2</b>	<b>1.75</b>	<b>2.25</b>	<b>2.25</b>	<b>2.25</b>	<b>2</b>	<b>2.25</b>	<b>2</b>	<b>2.5</b>	<b>2.25</b>	<b>2.75</b>	<b>1.75</b>	<b>2.25</b>	<b>2</b>	<b>2.5</b>	<b>2.25</b>	<b>2.75</b>	<b>1.5</b>	<b>2</b>	<b>2</b>	<b>2.75</b>	<b>1.5</b>	<b>2.25</b>	<b>1.75</b>	<b>2.5</b>	<b>2.25</b>	<b>2.17</b>

**Kelompok 2 (OVA)**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
II.1	4	4	3	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	3	3	4	4	3	4	4	3.68	
II.2	4	4	4	4	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3.88	
II.3	3	4	3	4	4	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4	4	3	4	4	3.8	
II.4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	3	3	4	4	4	3.84	
<b>Rata2</b>	<b>3.75</b>	<b>4</b>	<b>3.5</b>	<b>4</b>	<b>3.75</b>	<b>3.75</b>	<b>4</b>	<b>3.75</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>3.75</b>	<b>3.25</b>	<b>3.5</b>	<b>3.75</b>	<b>3.75</b>	<b>3.75</b>	<b>3.75</b>	<b>3.75</b>	<b>3.75</b>	<b>3.75</b>	<b>3.5</b>	<b>4</b>	<b>4</b>	<b>3.8</b>

**Kelompok 3 (OVA+ ekstrak 0.2g)**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
III.1	4	4	4	4	4	4	4	4	4	4	4	2	2	4	4	4	4	3	3	4	4	4	4	4	3	3.72
III.2	2	2	2	2	2	2	2	2	2	2	2	4	4	3	3	2	2	4	4	2	2	1	1	2	2	2.32
III.3	2	2	2	4	3	2	2	2	2	2	2	4	4	2	2	3	3	4	4	2	2	4	4	3	2	2.72
III.4	3	3	2	2	4	4	3	3	4	3	4	3	3	3	4	4	4	3	4	4	4	4	4	4	4	3.48
<b>Rata2</b>	<b>2.75</b>	<b>2.75</b>	<b>2.5</b>	<b>3</b>	<b>3.25</b>	<b>3</b>	<b>2.75</b>	<b>2.75</b>	<b>3</b>	<b>2.75</b>	<b>3</b>	<b>3.25</b>	<b>3.25</b>	<b>3</b>	<b>3.25</b>	<b>3.25</b>	<b>3.25</b>	<b>3.5</b>	<b>3.75</b>	<b>3</b>	<b>3</b>	<b>3.25</b>	<b>3.25</b>	<b>3.25</b>	<b>2.75</b>	<b>3.06</b>

**Kelompok 4 (OVA+ekstrak 0.4g)**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
IV.1	3	2	3	3	3	2	3	2	2	2	3	3	3	3	2	4	3	2	3	3	3	2	3	2	2	2.64
IV.2	2	2	3	2	4	3	3	4	3	1	2	2	3	3	3	4	4	4	2	2	1	3	4	3	3	2.8
IV.3	2	3	2	3	2	2	2	1	3	2	3	2	3	2	2	2	1	4	4	2	3	3	2	2	3	2.4
IV.4	2	2	2	3	2	3	2	2	2	2	3	2	2	2	3	2	2	2	1	2	2	3	4	2	2	2.24
<b>Rata2</b>	<b>2.25</b>	<b>2.25</b>	<b>2.5</b>	<b>2.75</b>	<b>2.75</b>	<b>2.5</b>	<b>2.5</b>	<b>2.25</b>	<b>2.5</b>	<b>1.75</b>	<b>2.75</b>	<b>2.25</b>	<b>2.75</b>	<b>2.5</b>	<b>2.5</b>	<b>3</b>	<b>2.5</b>	<b>3</b>	<b>2.5</b>	<b>2.25</b>	<b>2.25</b>	<b>2.75</b>	<b>3.25</b>	<b>2.25</b>	<b>2.5</b>	<b>2.52</b>

