

# **LAMPIRAN**

Kelompok	Berat Badan (gram) <i>pre test</i>	Berat Badan (gram) <i>post test</i>	Kolesterol (mg/dL) <i>pre test</i>	Kolesterol (mg/dL) <i>post test</i>
Negatif.1	200	223	88,09	91,95
Negatif.2	202	226	85,20	90,42
Negatif.3	190	212	86,64	88,12
Negatif.4	188	213	90,25	83,52
Negatif.5	189	214	85,20	87,36
Positif.1	199	250	210,83	215,33
Positif.2	203	256	207,94	211,49
Positif.3	209	259	213,72	214,56
Positif.4	208	262	205,05	206,90
Positif.5	201	253	204,33	205,36
Kontrol.1	195	220	202,17	98,85
Kontrol.2	192	215	204,33	99,62
Kontrol.3	211	234	205,78	97,32
Kontrol.4	199	222	210,11	98,08
Kontrol.5	197	221	207,94	100,38
P1.1	202	238	205,05	142,53
P1.2	208	245	203,61	144,83
P1.3	204	239	202,17	145,59
P1.4	190	225	208,66	144,06
P1.5	197	234	205,78	134,87
P2.1	202	227	208,66	115,71
P2.2	194	219	205,05	112,64
P2.3	211	233	200,72	116,48
P2.4	209	232	202,17	114,94
P2.5	211	236	204,33	114,18
P3.1	210	235	210,83	105,75
P3.2	213	238	209,39	102,68
P3.3	198	223	205,05	101,15
P3.4	201	226	210,11	104,98
P3.5	203	228	201,44	107,28

**1. Data Rerata Berat Badan Tikus Wistar Jantan Pre Test dan Post Test**

**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
Pre_BB_Negative	5	188.00	202.00	1.9380E2	6.64831
Post_BB_Negative	5	212.00	226.00	2.1760E2	6.42651
Pre_BB_Positive	5	204.33	213.72	2.0837E2	3.94344
Post_BB_Positive	5	250.00	262.00	2.5600E2	4.74342
Pre_BB_Standard	5	192.00	211.00	1.9880E2	7.29383
Post_BB_Standard	5	215.00	234.00	2.2240E2	7.02140
Pre_BB_P1	5	190.00	208.00	2.0020E2	6.94262
Post_BB_P1	5	225.00	245.00	2.3620E2	7.39594
Pre_BB_P2	5	194.00	211.00	2.0540E2	7.36885
Post_BB_P2	5	219.00	236.00	2.2940E2	6.65582
Pre_BB_P3	5	198.00	213.00	2.0500E2	6.28490
Post_BB_P3	5	223.00	238.00	2.3000E2	6.28490
Valid N (listwise)	5				

**2. Data Rerata Kadar Kolesterol Total Tikus Wistar Jantan Pre Test dan Post Test**

**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
Pre_Chol_Negative	5	85.20	90.25	87.0760	2.14075
Post_Chol_Negative	5	83.52	91.95	88.2740	3.22405
Pre_Chol_Positive	5	204.33	213.72	2.0837E2	3.94344
Post_Chol_Positive	5	205.36	215.33	2.1073E2	4.46968
Pre_Chol_Standard	5	202.17	210.11	2.0607E2	3.08788
Post_Chol_Standard	5	97.32	100.38	98.8500	1.21116
Pre_Chol_P1	5	202.17	208.66	2.0505E2	2.44606
Post_Chol_P1	5	134.87	145.59	1.4238E2	4.34602
Pre_Chol_P2	5	200.72	208.66	2.0419E2	3.03568
Post_Chol_P2	5	112.64	116.48	1.1479E2	1.47645
Pre_Chol_P3	5	201.44	210.83	2.0736E2	4.00333
Post_Chol_P3	5	101.15	107.28	1.0437E2	2.44791
Valid N (listwise)	5				

### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Pre_Cholesterol	.458	30	.000	.521	30	.000
Post_Cholesterol	.261	30	.000	.786	30	.000

a. Lilliefors Significance Correction

### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Transform_Pre_Chol	.473	30	.000	.502	30	.000
Transform_Post_Chol	.218	30	.001	.858	30	.001

a. Lilliefors Significance Correction

### Ranks

		N	Mean Rank	Sum of Ranks
1 Post Chol - 1 Pre Chol	Negative Ranks	1 <sup>a</sup>	5.00	5.00
	Positive Ranks	4 <sup>b</sup>	2.50	10.00
	Ties	0 <sup>c</sup>		
	Total	5		
2 Post Chol - 2 Pre Chol	Negative Ranks	0 <sup>d</sup>	.00	.00
	Positive Ranks	5 <sup>e</sup>	3.00	15.00
	Ties	0 <sup>f</sup>		
	Total	5		
3 Post Chol - 3 Pre Chol	Negative Ranks	5 <sup>g</sup>	3.00	15.00
	Positive Ranks	0 <sup>h</sup>	.00	.00
	Ties	0 <sup>i</sup>		
	Total	5		
4 Post Chol - 4 Pre Chol	Negative Ranks	5 <sup>j</sup>	3.00	15.00
	Positive Ranks	0 <sup>k</sup>	.00	.00
	Ties	0 <sup>l</sup>		
	Total	5		

5 Post Chol - 5 Pre Chol	Negative Ranks	5 <sup>m</sup>	3.00	15.00
	Positive Ranks	0 <sup>n</sup>	.00	.00
	Ties	0 <sup>o</sup>		
	Total	5		
6 Post Chol - 6 Pre Chol	Negative Ranks	5 <sup>p</sup>	3.00	15.00
	Positive Ranks	0 <sup>q</sup>	.00	.00
	Ties	0 <sup>r</sup>		
	Total	5		

**Test Statistics<sup>c</sup>**

	1 Post - 1 Pre Chol	2 Post - 2 Pre Chol	3 Post - 3 Pre Chol	4 Post - 4 Pre Chol	5 Post - 5 Pre Chol	6 Post - 6 Pre Chol
Z	-.674 <sup>a</sup>	-2.023 <sup>a</sup>	-2.023 <sup>b</sup>	-2.023 <sup>b</sup>	-2.023 <sup>b</sup>	-2.023 <sup>b</sup>
Asymp. Sig. (2-tailed)	.500	.043	.043	.043	.043	.043

a. Based on negative ranks.

b. Based on positive ranks.

c. Wilcoxon Signed Ranks Test.

3. **Data Selisih Penurunan Kadar Kolesterol Total Tikus Wistar Jantan Pre Test dan Post Test**

**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
Selisih_Chol_Negative	5	-5.22	6.73	-1.1980	4.66693
Selisih_Chol_Positive	5	-4.50	-.84	-2.3540	1.60740
Selisih_Chol_Standard	5	103.32	112.03	1.0722E2	3.40218
Selisih_Chol_P1	5	56.58	70.91	62.6780	5.56473
Selisih_Chol_P2	5	84.24	92.95	89.3960	3.65922
Selisih_Chol_P3	5	94.16	106.71	1.0300E2	5.03942
Valid N (listwise)	5				

**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
selisih_pre_post_chol	.205	30	.002	.799	30	.000

a. Lilliefors Significance Correction

**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
transform_selisih_chol	.244	21	.002	.619	21	.000

a. Lilliefors Significance Correction

### Ranks

Perlakuan	N	Mean Rank
selisih_pre_post _chol	Negative	5.20
	Positive	5.80
	Simvastatin	26.60
	P1	13.00
	P2	18.00
	P3	24.40
	Total	30

### Test Statistics<sup>a,b</sup>

	selisih_pre_ post_chol
Chi-Square	26.781
df	5
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

#### 4. Data Uji Kadar Kolesterol Total Antar Kelompok Perlakuan Post Test

##### ➤ Kelompok kontrol negatif dengan kontrol positif

### Ranks

Perlakuan	N	Mean Rank	Sum of Ranks
Post_Chol	Negatif	3.00	15.00
	Positif	8.00	40.00
Total	10		

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

➤ **Kelompok kontrol negatif dengan standar**

**Ranks**

Perlakuan	N	Mean Rank	Sum of Ranks
Post_Chol Negatif	5	3.00	15.00
Simvastatin	5	8.00	40.00
Total	10		

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Perlakuan



➤ **Kelompok kontrol negatif dengan P1**

**Ranks**

Perlakuan	N	Mean Rank	Sum of Ranks
Post_Chol Negatif	5	3.00	15.00
Perlakuan 1	5	8.00	40.00
Total	10		

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

➤ **Kelompok kontrol negatif dengan P2**

**Ranks**

Perlakuan	N	Mean Rank	Sum of Ranks
Post_Chol Negatif	5	3.00	15.00
Perlakuan 2	5	8.00	40.00
Total	10		

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

➤ **Kelompok kontrol negatif dengan P3**

**Ranks**

Perlakuan	N	Mean Rank	Sum of Ranks
Post_Chol Negatif	5	3.00	15.00
Perlakuan 3	5	8.00	40.00
Total	10		

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

➤ **Kelompok kontrol positif dengan standar**

**Ranks**

Perlakuan	N	Mean Rank	Sum of Ranks
Post_Chol Positif	5	8.00	40.00
Simvastatin	5	3.00	15.00
Total	10		

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

➤ **Kelompok kontrol positif dengan P1****Ranks**

Perlakuan	N	Mean Rank	Sum of Ranks
Post_Chol Positif	5	8.00	40.00
Perlakuan 1	5	3.00	15.00
Total	10		

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

➤ **Kelompok kontrol positif dengan P2****Ranks**

Perlakuan	N	Mean Rank	Sum of Ranks
Post_Chol Positif	5	8.00	40.00
Perlakuan 2	5	3.00	15.00
Total	10		

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

➤ **Kelompok kontrol positif dengan P3**

**Ranks**

Perlakuan	N	Mean Rank	Sum of Ranks
Post_Chol Positif	5	8.00	40.00
Perlakuan 3	5	3.00	15.00
Total	10		

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

➤ **Kelompok standar dengan P1**

**Ranks**

Perlakuan	N	Mean Rank	Sum of Ranks
Post_Chol Simvastatin	5	3.00	15.00
Perlakuan 1	5	8.00	40.00
Total	10		

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

➤ **Kelompok standar dengan P2**

**Ranks**

Perlakuan	N	Mean Rank	Sum of Ranks
Post_Chol Simvastatin	5	3.00	15.00
Perlakuan 2	5	8.00	40.00
Total	10		

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

➤ **Kelompok standar dengan P3**

**Ranks**

Perlakuan	N	Mean Rank	Sum of Ranks
Post_Chol Simvastatin	5	3.00	15.00
Perlakuan 3	5	8.00	40.00
Total	10		

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

➤ **Kelompok P1 dengan P2**

**Ranks**

Perlakuan	N	Mean Rank	Sum of Ranks
Post_Chol Perlakuan 1	5	8.00	40.00
Perlakuan 2	5	3.00	15.00
Total	10		

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

➤ **Kelompok P1 dengan P3**

**Ranks**

	Perlakuan	N	Mean Rank	Sum of Ranks
Post_Chol	Perlakuan 1	5	8.00	40.00
	Perlakuan 3	5	3.00	15.00
	Total	10		

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

➤ **Kelompok P2 dengan P3**

**Ranks**

	Perlakuan	N	Mean Rank	Sum of Ranks
Post_Chol	Perlakuan 2	5	8.00	40.00
	Perlakuan 3	5	3.00	15.00
	Total	10		

**Test Statistics<sup>b</sup>**

	Post_Chol
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Perlakuan



## Dokumentasi



Foto 1. Kandang tikus



Foto 2. Pakan tikus



Foto 3. Penimbangan berat badan tikus



Foto 4. Pengambilan darah tikus



Foto 5. Pemotongan buah Okra



Foto 6. Perendaman buah Okra