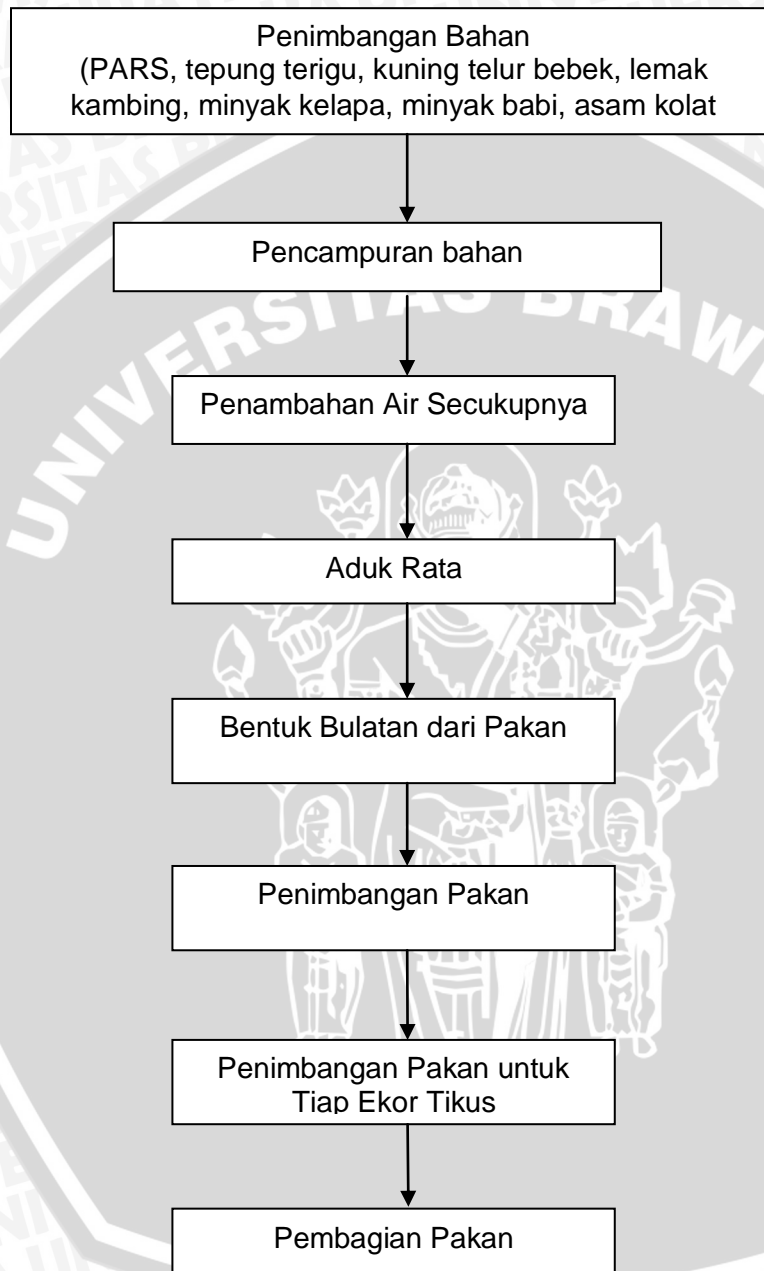
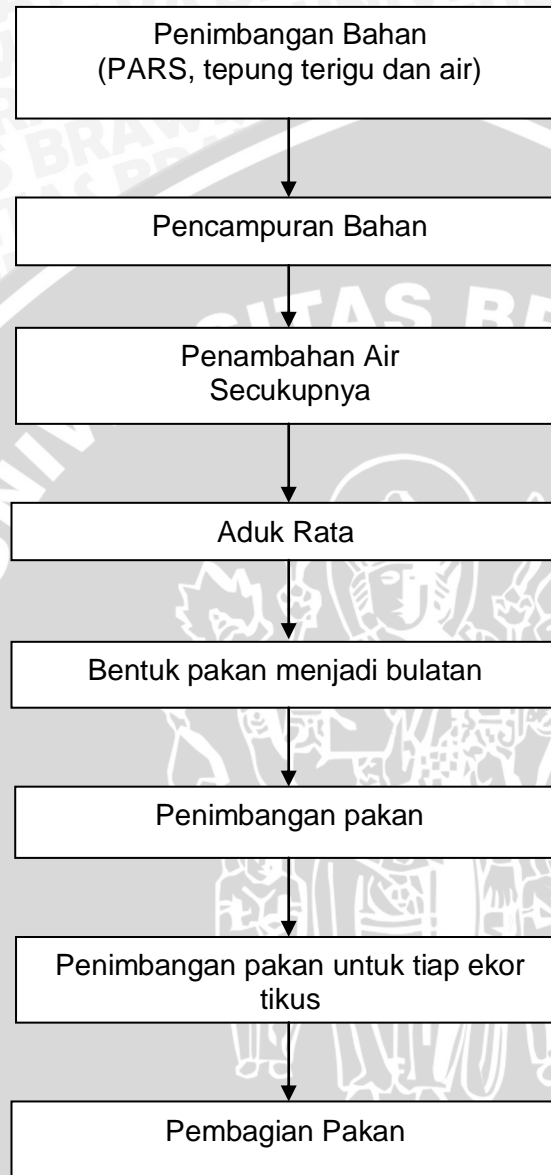


## LAMPIRAN

Lampiran 1. Teknik Randomisasi Sampel

Urutan Pemilihan	Pangkat/Rangking	Perlakuan
1	18	Kontrol Negatif
2	15	Kontrol Negatif
3	8	Kontrol Negatif
4	9	Kontrol Negatif
5	21	Kontrol Negatif
6	20	Kontrol Positif
7	17	Kontrol Positif
8	23	Kontrol Positif
9	6	Kontrol Positif
10	24	Kontrol Positif
11	25	Perlakuan 1
12	1	Perlakuan 1
13	4	Perlakuan 1
14	12	Perlakuan 1
15	7	Perlakuan 1
16	3	Perlakuan 2
17	14	Perlakuan 2
18	10	Perlakuan 2
19	19	Perlakuan 2
20	16	Perlakuan 2
21	13	Perlakuan 3
22	5	Perlakuan 3
23	2	Perlakuan 3
24	11	Perlakuan 3
25	22	Perlakuan 3

**Lampiran 2. Diagram Alur Pembuatan Diet Aterogenik**

**Lampiran 3.** Diagram Alur Pembuatan Pakan Diet Normal

**Lampiran 4.** Komposisi Pakan Tikus – Diet Normal

Pakan tikus yang diberikan pada masa adaptasi dan perlakuan kontrol negatif sebanyak 40 gram, dengan rincian komposisi sebagai berikut :

Komposisi	Persentase (%)	Jumlah
PARS	53	21,2 gram
Terigu	23,5	9,4 gram
Air	23,5	9,4 mL

Komposisi Bahan dan Energi Diet Normal Tikus

	PARS (21,2 gram)	Tepung terigu (9,4 gram)	Total diet normal
<b>Protein</b>	$\frac{21,2}{100} \times 19 = 4,03 \text{ gram}$	$\frac{9,4}{100} \times 11 = 1,03 \text{ gram}$	5,06 gram
<b>Lemak</b>	$\frac{21,2}{100} \times 4 = 0,85 \text{ gram}$	$\frac{9,4}{100} \times 0,9 = 0,08 \text{ gram}$	0,93 gram
<b>Karbohidrat</b>	$\frac{21,2}{100} \times 58 = 12,29 \text{ gram}$	$\frac{9,4}{100} \times 72 = 6,77 \text{ gram}$	19,06 gram
<b>Energi</b>	$\frac{21,2}{100} \times 344$ $= 72,93 \text{ kkal}$	$\frac{9,4}{100} \times 340$ $= 31,96 \text{ kkal}$	104,9 kkal
Jumlah energi dalam 1 gram diet normal	104,9 kkal : 40 gram = 2,62 kkal		
Kebutuhan energi tikus perhari	105 kkal/hari		
Jumlah pakan tikus perhari	105 kkal : 2,62 kkal = 40 gram		

**Lampiran 5.** Komposisi Pakan Tikus Diet Aterogenik

Pakan tikus yang diberikan pada masa perlakuan pada perlakuan kontrol positif (K+), perlakuan dosis 1 (P1), dosis 2 (P2) dan dosis 3 (P3). Sebanyak 40 gram, dengan rincian komposisi sebagai berikut :

<b>Bahan</b>	<b>%</b>	<b>Berat</b>
Comfeed PARS	50	20 gram
Tepung terigu	25	10 gram
Kuning telur bebek	5	2 gram
Lemak Kambing	10	4 gram
Minyak kelapa	1	0,4 gram
Minyak babi	8,9	3,55 gram
Asam kolat	0,1	0,05 gram
<b>Total</b>	<b>100</b>	<b>40 gram</b>

Komposisi Bahan dan Energi Diet Aterogenik Tikus

	<b>Protein</b>	<b>Lemak</b>	<b>Karbohidrat</b>	<b>Energi</b>
<b>PARS (20 gram)</b>	$\frac{20}{100} \times 19$ = 3,8 gram	$\frac{20}{100} \times 4$ = 0,8 gram	$\frac{20}{100} \times 58$ = 11,6 gram	$\frac{20}{100} \times 344$ = 68,8 kkal
<b>Tepung terigu (10 gram)</b>	$\frac{10}{100} \times 11$ = 1,1 gram	$\frac{10}{100} \times 0,9$ = 0,09 gram	$\frac{10}{100} \times 72$ = 7,2 gram	$\frac{10}{100} \times 340$ = 34 kkal
<b>Kuning telur bebek (2 gram)</b>	$\frac{2}{100} \times 17$ = 0,34 gram	$\frac{2}{100} \times 35$ = 0,7 gram	$\frac{2}{100} \times 0,8$ = 0,016 gram	$\frac{2}{100} \times 398$ = 7,96 kkal
<b>Lemak kambing (4 gram)</b>		4 gram		$4 \times 9 = 36$ kkal
<b>Minyak kelapa (0,4 gram)</b>		0,4 gram		$0,4 \times 9$ = 3,6 kkal
<b>Minyak babi (3,55 gram)</b>		3,55 gram		$3,55 \times 9$ = 31,95 kkal
<b>Asam kolat (0,05 gram)</b>		0,05 gram		$0,05 \times 9$ = 0,45 kkal
<b>Total</b>	5,24 gram = 20,96 kkal = 11%	9,59 gram = 86,31 kkal = 47,23%	18,816 gram = 75,26 kkal = 41,2%	182,76 kkal
Jumlah energi dalam 1 gram pakan	$182,75 \text{ kkal} : 40 \text{ gram} = 4,57 \text{ kkal}$			
Kebutuhan energi tikus per ekor	105 kkal per hari			

Lampiran 6. Berat Badan Tikus Selama Penelitian (gram)

Perlakuan	Kode tikus	Tanggal Penimbangan Berat Badan										Peningkatan BB (gram)
		Desember			Januari				Februari			
		12	20	27	3	10	17	24	31	7	14	
Kontrol negatif (P0)	A	117	138	166	198	219	238	254	276	288	301	184
	B	114	127	143	151	164	168	180	187	195	201	87
	C	122	144	162	173	193	206	225	239	251	265	143
	D	150	166	182	193	207	221	234	228	221	234	84
	E	114	123	147	157	179	190	199	219	226	234	120
	Rata-rata Peningkatan BB perkelompok											123,6 ± 41,66
Kontrol positif (P1)	A	127	152	169	179	191	208	218	232	245	261	134
	B	109	119	129	139	160	174	191	213	220	249	140
	C	139	154	190	209	228	236	245	259	273	282	143
	E	116	120	148	164	178	192	210	226	240	251	135
	F	132	153	168	177	194	200	219	228	240	248	116
	Rata-rata Peningkatan BB perkelompok											133,6 ± 10,50
Perlakuan (P2) Dosis 1	B	122	135	154	163	172	184	199	206	221	236	114
	C	133	144	177	187	200	206	230	242	256	263	130
	D	133	176	201	203	218	236	249	263	266	297	164
	E	129	149	164	175	193	210	223	242	256	268	139
	F	154	165	170	184	195	205	214	226	231	241	87
	Rata-rata Peningkatan BB perkelompok											126,8 ± 28,68
Perlakuan (P3) Dosis 2	A	139	150	169	182	197	214	225	238	252	273	134
	B	157	167	210	230	250	275	286	301	318	325	168
	D	157	160	188	198	201	229	249	267	279	303	146
	E	159	170	184	199	212	218	245	253	268	287	128
	F	139	165	189	196	208	234	252	267	283	307	168
	Rata-rata Peningkatan BB perkelompok											148,8 ± 18,68
Perlakuan (P4) Dosis 3	B	138	157	171	187	207	226	246	236	257	278	140
	C	160	141	180	192	207	219	219	240	257	269	109
	D	133	150	153	170	182	204	224	235	267	280	147
	E	133	155	180	200	213	228	248	263	270	278	145
	F	141	165	170	176	191	199	224	238	246	265	124
	Rata-rata Peningkatan BB perkelompok											133 ± 16,17

Lampiran 7. Asupan Pakan Tikus Selama Penelitian

Perlakuan	Kode tikus	Desember											Januari			
		21	22	23	24	25	26	27	28	29	30	31	1	2	3	4
Kontrol negatif (P0)	A	33	20	24	28	23	40	31	35	5	15	23	37	39	35	35
	B	34	19	40	37	34	36	37	37	10	29	38	39	38	34	35
	C	40	31	40	37	34	24	40	40	30	21	40	36	40	40	39
	D	40	40	39	40	38	40	40	40	30	35	40	39	40	40	40
	E	32	18	29	30	31	20	26	27	15	17	27	31	35	29	28
Kontrol positif (P1)	A	40	40	40	40	39	40	40	40	40	28	40	39	40	40	40
	B	13	7	13	24	20	10	8	7	5	6	10	18	21	31	17
	C	20	20	28	37	36	26	32	23	18	22	35	34	39	39	21
	E	36	30	36	29	35	40	37	34	37	10	37	26	40	38	34
	F	40	14	37	29	30	30	37	26	11	15	37	31	38	38	30
Perlakuan (P2) Dosis 1	B	23	32	40	40	40	40	40	40	40	39	40	40	40	40	40
	C	37	40	39	40	39	35	40	37	34	24	40	39	40	40	40
	D	29	5	19	22	25	12	22	25	10	19	20	24	38	30	33
	E	38	11	15	22	30	15	30	23	10	23	17	30	38	37	35
	F	39	10	16	24	16	30	35	33	22	26	22	32	36	39	34
Perlakuan (P3) Dosis 2	A	21	13	11	8	25	19	20	20	13	21	20	28	20	26	23
	B	23	32	40	40	40	40	40	40	40	39	40	40	40	40	40
	D	16	4	11	22	30	30	25	32	10	23	19	25	39	40	20
	E	23	5	10	9	16	21	32	33	17	32	38	38	40	40	36
	F	40	5	10	19	21	20	21	22	7	10	23	26	37	23	37
Perlakuan (P4) Dosis 3	B	36	40	40	40	39	40	35	38	40	29	40	40	40	40	39
	C	8	15	19	32	23	30	31	26	22	26	38	30	36	37	31
	D	23	25	10	22	26	24	27	32	23	26	26	32	32	28	22
	E	31	17	26	24	25	26	33	22	21	25	29	21	26	19	18
	F	34	5	4	5	5	24	5	17	9	16	29	31	39	35	31



Perlakuan	Kode tikus	Januari														
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Kontrol negatif (P0)	A	36	40	34	36	34	31	33	31	37	36	34	31	31	34	27
	B	38	40	36	37	34	35	31	36	38	35	34	34	39	35	38
	C	39	37	37	37	35	36	30	36	38	37	35	34	36	35	35
	D	40	40	40	40	40	39	39	40	40	40	40	40	40	40	40
	E	27	24	32	35	32	22	24	35	31	37	32	25	33	29	25
Kontrol positif (P1)	A	40	40	40	40	40	37	39	40	40	40	40	40	39	40	40
	B	22	24	36	26	35	40	24	24	38	24	21	32	30	20	23
	C	37	36	36	40	38	36	34	36	40	35	29	34	25	35	30
	E	40	39	40	40	39	36	35	40	39	37	32	40	35	34	32
	F	39	39	36	38	37	30	24	37	37	32	30	36	29	35	30
Perlakuan (P2) Dosis 1	B	40	40	40	40	40	40	40	39	40	40	40	40	39	40	40
	C	40	40	40	40	40	38	39	37	38	38	37	39	35	33	38
	D	25	24	30	22	20	19	18	26	28	19	15	20	21	34	26
	E	38	27	34	36	37	34	27	30	34	29	29	32	26	15	21
	F	38	33	25	25	28	26	31	25	34	22	30	24	26	26	21
Perlakuan (P3) Dosis 2	A	20	20	25	20	20	20	19	19	22	19	20	20	20	17	19
	B	40	40	40	40	40	40	40	39	40	40	40	40	39	40	40
	D	40	30	31	36	32	30	35	33	40	35	36	36	34	35	26
	E	36	39	40	38	35	38	40	33	40	36	39	36	34	40	36
	F	36	24	30	26	31	17	21	24	29	19	22	23	24	19	20
Perlakuan (P4) Dosis 3	B	40	39	40	40	40	38	39	40	40	35	39	40	37	39	40
	C	32	26	38	35	29	26	30	28	32	27	35	32	23	20	25
	D	24	29	28	27	29	30	27	23	27	40	37	28	30	31	36
	E	23	32	20	19	16	19	15	18	29	20	19	20	20	24	22
	F	39	35	36	30	29	28	35	38	38	37	36	34	27	35	38

Perlakuan	Kode tikus	Januari												Feb		
		20	21	22	23	24	25	26	27	28	29	30	31	1	2	3
Kontrol negatif (P0)	A	35	29	25	35	31	35	35	35	35	37	37	36	34	32	30
	B	40	36	27	37	34	32	37	39	35	36	38	39	39	32	38
	C	39	38	31	37	38	35	39	38	37	38	37	37	38	33	34
	D	40	39	40	40	40	39	40	39	40	40	40	40	40	40	40
	E	30	25	24	29	28	29	30	32	32	31	35	33	26	30	21
Kontrol positif (P1)	A	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	B	29	20	14	21	35	33	27	21	28	27	22	24	24	24	31
	C	28	15	22	29	34	30	29	23	33	33	34	23	31	18	22
	E	6	35	34	36	36	38	37	39	38	37	37	35	33	30	33
	F	30	32	27	35	30	30	31	25	33	31	30	27	30	15	35
Perlakuan (P2) Dosis 1	B	40	40	40	38	39	35	36	39	38	38	37	33	35	32	32
	C	38	40	36	38	36	34	38	38	39	38	38	36	34	32	31
	D	20	26	14	20	22	29	20	22	28	19	24	24	23	21	21
	E	21	33	24	31	35	35	40	40	40	38	38	35	35	30	35
	F	32	29	25	27	24	29	30	26	34	27	25	28	26	21	25
Perlakuan (P3) Dosis 2	A	22	20	16	17	19	20	21	23	25	20	24	22	22	20	22
	B	40	40	40	38	39	35	36	39	38	38	37	33	35	32	32
	D	36	33	35	34	37	32	40	39	40	34	38	34	36	31	27
	E	40	40	39	40	39	40	39	40	40	39	38	33	38	37	40
	F	30	27	17	24	17	24	26	27	23	24	22	28	30	23	28
Perlakuan (P4) Dosis 3	B	40	40	40	40	39	39	40	38	3	15	27	31	31	31	35
	C	24	22	31	32	31	29	18	27	23	27	30	32	33	25	31
	D	25	34	35	31	33	37	31	35	34	36	28	33	35	32	28
	E	20	26	17	23	23	20	18	22	21	17	23	16	19	28	21
	F	38	40	31	38	31	40	40	40	40	38	37	36	39	35	33

Perlakuan	Kode tikus	Februari											Rata-rata Asupan (gram)
		4	5	6	7	8	9	10	11	12	13	14	
Kontrol negatif (P0)	A	39	27	40	38	40	35	40	26	34	32	39	32,48
	B	37	20	39	39	40	39	40	38	35	33	36	35,21
	C	32	15	37	36	39	36	37	29	32	28	37	35,29
	D	40	40	40	40	40	40	40	40	40	40	40	39,57
	E	34	24	30	31	34	29	39	30	28	26	28	28,68
Rata-rata Asupan Pakan perkelompok												34,24 ± 4,08	
Kontrol positif (P1)	A	40	39	37	38	40	40	40	40	40	40	40	39,55
	B	29	13	18	21	29	33	20	18	25	30	30	22,77
	C	23	17	21	16	31	22	18	18	23	28	33	28,66
	E	37	32	35	26	35	34	28	21	25	29	28	33,77
	F	32	14	24	28	34	32	27	17	24	30	23	29,96
Rata-rata Asupan Pakan perkelompok												30,94 ± 6,30	
Perlakuan (P2) Dosis 1	B	36	34	33	29	29	32	35	31	33	36	27	37,13
	C	37	28	32	28	35	36	39	38	31	31	35	36,64
	D	28	5	20	16	25	25	23	28	28	28	22	22,52
	E	34	11	20	22	35	33	31	26	33	34	36	29,43
	F	21	22	20	21	26	23	22	26	27	24	13	26,45
Rata-rata Asupan Pakan perkelompok												30,43 ± 6,44	
Perlakuan (P3) Dosis 2	A	20	22	19	26	24	20	20	20	22	25	20	20,34
	B	36	34	33	29	29	32	35	31	33	36	27	37,13
	D	34	28	29	29	28	35	29	33	35	34	32	30,84
	E	38	38	39	35	39	38	38	39	39	40	40	34,91
	F	33	22	24	28	23	27	25	26	28	29	24	24,02
Rata-rata Asupan Pakan perkelompok												29,44 ± 7,00	
Perlakuan (P4) Dosis 3	B	39	38	36	36	37	38	38	37	39	40	40	36,95
	C	36	30	28	25	32	24	27	18	28	32	26	27,91
	D	31	35	35	33	31	28	31	35	35	33	31	26,36
	E	20	18	16	18	9	28	21	20	18	16	18	19,02
	F	39	40	35	27	37	39	37	39	37	35	33	31,39
Rata-rata Asupan Pakan perkelompok												28,32 ± 6,30	

**Lampiran 8. Hasil Analisis Statistik**

1. Kadar Trigliserida Tikus

a. Hasil Uji Normalitas

**Tests of Normality**

perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	Df	Sig.	Statistic	df	Sig.
Kadar_Trigliserida negatif	.206	5	.200	.900	5	.413
positif	.221	5	.200	.967	5	.855
dosis 1	.258	5	.200	.926	5	.571
dosis 2	.239	5	.200	.895	5	.381
dosis 3	.172	5	.200	.934	5	.624

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

b. Hasil Uji Homogenitas

**Test of Homogeneity of Variance**

	Levene Statistic	df1	df2	Sig.
Kadar_Trigliserida Based on Mean	.300	4	20	.875
Based on Median	.202	4	20	.934
Based on Median and with adjusted df	.202	4	15.812	.933
Based on trimmed mean	.307	4	20	.870

c. Hasil Uji *One Way Anova*

**ANOVA**

Kadar\_Trigliserida

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	.571	4	.143	3.679	.021
Within Groups	.776	20	.039		
Total	1.346	24			

d. Hasil Uji Post Hoc Tukey

**Multiple Comparisons**

Kadar\_Trigliserida  
Tukey HSD

(I) perlakuan	(J) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Negatif	positif	-.40110*	.12454	.031	-.7738	-.0284
	dosis 1	-.10956	.12454	.901	-.4822	.2631
	dosis 2	-.35012	.12454	.072	-.7228	.0226
	dosis 3	-.28493	.12454	.190	-.6576	.0878
Positif	negatif	.40110*	.12454	.031	.0284	.7738
	dosis 1	.29153	.12454	.173	-.0812	.6642
	dosis 2	.05098	.12454	.994	-.3217	.4237
	dosis 3	.11617	.12454	.881	-.2565	.4889
dosis 1	negatif	.10956	.12454	.901	-.2631	.4822
	positif	-.29153	.12454	.173	-.6642	.0812
	dosis 2	-.24055	.12454	.334	-.6132	.1321
	dosis 3	-.17536	.12454	.630	-.5481	.1973
dosis 2	negatif	.35012	.12454	.072	-.0226	.7228
	positif	-.05098	.12454	.994	-.4237	.3217
	dosis 1	.24055	.12454	.334	-.1321	.6132
	dosis 3	.06519	.12454	.984	-.3075	.4379
dosis 3	negatif	.28493	.12454	.190	-.0878	.6576
	positif	-.11617	.12454	.881	-.4889	.2565
	dosis 1	.17536	.12454	.630	-.1973	.5481
	dosis 2	-.06519	.12454	.984	-.4379	.3075

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

Homogenous Subsets

**Kadar\_Trigliserida**

Tukey HSD

perlakuan	N	Subset for alpha = 0.05	
		1	2
negatif	5	1.7011	
dosis 1	5	1.8107	1.8107
dosis 3	5	1.9860	1.9860
dosis 2	5	2.0512	2.0512
positif	5		2.1022
Sig.		.072	.173

Means for groups in homogeneous subsets are displayed.



2. Berat Badan Tikus

a. Hasil Uji Normalitas

Tests of Normality

perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
BB_awal	negatif	.337	5	.066	.721	5	.016
	positif	.179	5	.200	.968	5	.862
	dosis 1	.340	5	.060	.866	5	.251
	dosis 2	.346	5	.050	.739	5	.024
	dosis 3	.300	5	.161	.793	5	.071
BB_akhir	negatif	.235	5	.200	.960	5	.810
	positif	.293	5	.186	.798	5	.078
	dosis 1	.194	5	.200	.933	5	.616
	dosis 2	.180	5	.200	.984	5	.957
	dosis 3	.328	5	.084	.847	5	.186
Peningkatan_BB	negatif	.210	5	.200	.921	5	.537
	positif	.315	5	.117	.852	5	.202
	dosis 1	.144	5	.200	.995	5	.993
	dosis 2	.248	5	.200	.867	5	.253
	dosis 3	.267	5	.200	.879	5	.306

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

b. Hasil Uji Homogenitas

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
BB_awal	Based on Mean	.163	4	20	.955
	Based on Median	.051	4	20	.995
	Based on Median and with adjusted df	.051	4	16.068	.995
	Based on trimmed mean	.127	4	20	.971
BB_akhir	Based on Mean	2.550	4	20	.071
	Based on Median	1.253	4	20	.321
	Based on Median and with adjusted df	1.253	4	10.270	.349
	Based on trimmed mean	2.531	4	20	.073
Peningkatan_BB	Based on Mean	2.510	4	20	.074
	Based on Median	1.931	4	20	.144
	Based on Median and with adjusted df	1.931	4	12.472	.168
	Based on trimmed mean	2.425	4	20	.082

c. Hasil Uji *One Way Anova*

ANOVA						
		Sum of Squares	df	Mean Square	F	Sig.
BB_awal	Between Groups	2549.440	4	637.360	4.246	.012
	Within Groups	3002.000	20	150.100		
	Total	5551.440	24			
BB_akhir	Between Groups	7914.560	4	1978.640	3.722	.020
	Within Groups	10632.800	20	531.640		
	Total	18547.360	24			
Peningkatan_BB	Between Groups	1883.360	4	470.840	.718	.590
	Within Groups	13120.000	20	656.000		
	Total	15003.360	24			

d. Hasil Uji *Post Hoc Tukey*

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) perlakuan	(J) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
BB_awal	negatif	positif	-1.20000	7.74855	1.000	-24.3866	21.9866
		dosis 1	-10.80000	7.74855	.638	-33.9866	12.3866
		dosis 2	-26.80000	7.74855	.019	-49.9866	-3.6134
		dosis 3	-17.60000	7.74855	.195	-40.7866	5.5866
	positif	negatif	1.20000	7.74855	1.000	-21.9866	24.3866
		dosis 1	-9.60000	7.74855	.729	-32.7866	13.5866
		dosis 2	-25.60000	7.74855	.026	-48.7866	-2.4134
		dosis 3	-16.40000	7.74855	.252	-39.5866	6.7866
	dosis 1	negatif	10.80000	7.74855	.638	-12.3866	33.9866
		positif	9.60000	7.74855	.729	-13.5866	32.7866
		dosis 2	-16.00000	7.74855	.273	-39.1866	7.1866
		dosis 3	-6.80000	7.74855	.902	-29.9866	16.3866
dosis 2	negatif	26.80000	7.74855	.019	3.6134	49.9866	
	positif	25.60000	7.74855	.026	2.4134	48.7866	
	dosis 1	16.00000	7.74855	.273	-7.1866	39.1866	
	dosis 3	9.20000	7.74855	.758	-13.9866	32.3866	
dosis 3	negatif	17.60000	7.74855	.195	-5.5866	40.7866	
	positif	16.40000	7.74855	.252	-6.7866	39.5866	
	dosis 1	6.80000	7.74855	.902	-16.3866	29.9866	
	dosis 2	-9.20000	7.74855	.758	-32.3866	13.9866	



BB_akhir	negatif	positif	-11.20000	14.58273	.937	-54.8370	32.4370
		dosis 1	-14.00000	14.58273	.870	-57.6370	29.6370
		dosis 2	-52.00000	14.58273	.015	-95.6370	-8.3630
		dosis 3	-27.00000	14.58273	.374	-70.6370	16.6370
	positif	negatif	11.20000	14.58273	.937	-32.4370	54.8370
		dosis 1	-2.80000	14.58273	1.000	-46.4370	40.8370
		dosis 2	-40.80000	14.58273	.074	-84.4370	2.8370
		dosis 3	-15.80000	14.58273	.813	-59.4370	27.8370
	dosis 1	negatif	14.00000	14.58273	.870	-29.6370	57.6370
		positif	2.80000	14.58273	1.000	-40.8370	46.4370
		dosis 2	-38.00000	14.58273	.107	-81.6370	5.6370
		dosis 3	-13.00000	14.58273	.897	-56.6370	30.6370
	dosis 2	negatif	52.00000	14.58273	.015	8.3630	95.6370
		positif	40.80000	14.58273	.074	-2.8370	84.4370
		dosis 1	38.00000	14.58273	.107	-5.6370	81.6370
		dosis 3	25.00000	14.58273	.448	-18.6370	68.6370
dosis 3	negatif	27.00000	14.58273	.374	-16.6370	70.6370	
	positif	15.80000	14.58273	.813	-27.8370	59.4370	
	dosis 1	13.00000	14.58273	.897	-30.6370	56.6370	
	dosis 2	-25.00000	14.58273	.448	-68.6370	18.6370	
Peningkatan_BB	negatif	positif	-10.00000	16.19877	.971	-58.4728	38.4728
		dosis 1	-3.20000	16.19877	1.000	-51.6728	45.2728
		dosis 2	-25.20000	16.19877	.541	-73.6728	23.2728
		dosis 3	-9.40000	16.19877	.976	-57.8728	39.0728
	positif	negatif	10.00000	16.19877	.971	-38.4728	58.4728
		dosis 1	6.80000	16.19877	.993	-41.6728	55.2728
		dosis 2	-15.20000	16.19877	.879	-63.6728	33.2728
		dosis 3	.60000	16.19877	1.000	-47.8728	49.0728
	dosis 1	negatif	3.20000	16.19877	1.000	-45.2728	51.6728
		positif	-6.80000	16.19877	.993	-55.2728	41.6728
		dosis 2	-22.00000	16.19877	.660	-70.4728	26.4728
		dosis 3	-6.20000	16.19877	.995	-54.6728	42.2728
	dosis 2	negatif	25.20000	16.19877	.541	-23.2728	73.6728
		positif	15.20000	16.19877	.879	-33.2728	63.6728
		dosis 1	22.00000	16.19877	.660	-26.4728	70.4728
		dosis 3	15.80000	16.19877	.863	-32.6728	64.2728
	dosis 3	negatif	9.40000	16.19877	.976	-39.0728	57.8728
		positif	-.60000	16.19877	1.000	-49.0728	47.8728
		dosis 1	6.20000	16.19877	.995	-42.2728	54.6728
		dosis 2	-15.80000	16.19877	.863	-64.2728	32.6728

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



Homogenous Subsets

BB\_awal

Tukey HSD

perlakuan	N	Subset for alpha = 0.05	
		1	2
negatif	5	123.4000	
positif	5	124.6000	
dosis 1	5	134.2000	134.2000
dosis 3	5	141.0000	141.0000
dosis 2	5		150.2000
Sig.		.195	.273

Means for groups in homogeneous subsets are displayed.

BB\_akhir

Tukey HSD

perlakuan	N	Subset for alpha = 0.05	
		1	2
negatif	5	247.0000	
positif	5	258.2000	258.2000
dosis 1	5	261.0000	261.0000
dosis 3	5	274.0000	274.0000
dosis 2	5		299.0000
Sig.		.374	.074

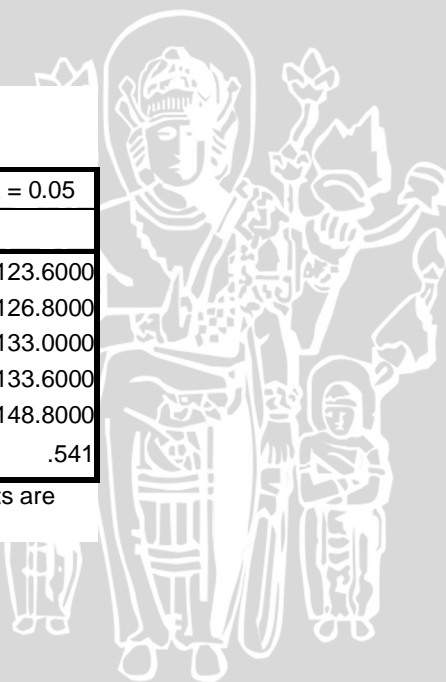
Means for groups in homogeneous subsets are displayed.

Peningkatan\_BB

Tukey HSD

perlakuan	N	Subset for alpha = 0.05	
		1	
negatif	5		123.6000
dosis 1	5		126.8000
dosis 3	5		133.0000
positif	5		133.6000
dosis 2	5		148.8000
Sig.			.541

Means for groups in homogeneous subsets are displayed.



3. Asupan Pakan, Energi, Protein, Lemak dan Karbohidrat

a. Hasil Uji Normalitas

		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	perlakuan	Statistic	df	Sig.	Statistic	df	Sig.
Pakan	negatif	.215	5	.200	.967	5	.852
	positif	.176	5	.200	.985	5	.959
	dosis 1	.224	5	.200	.924	5	.554
	dosis 2	.162	5	.200	.959	5	.803
	dosis 3	.188	5	.200	.985	5	.959
Asupan_energi	negatif	.198	5	.200	.972	5	.887
	positif	.162	5	.200	.989	5	.978
	dosis 1	.235	5	.200	.909	5	.462
	dosis 2	.178	5	.200	.935	5	.634
Asupan_protein	dosis 3	.183	5	.200	.989	5	.975
	negatif	.201	5	.200	.972	5	.889
	positif	.163	5	.200	.990	5	.978
	dosis 1	.235	5	.200	.908	5	.458
Asupan_lemak	dosis 2	.179	5	.200	.936	5	.637
	dosis 3	.182	5	.200	.989	5	.976
	negatif	.205	5	.200	.969	5	.868
	positif	.163	5	.200	.989	5	.978
	dosis 1	.235	5	.200	.908	5	.458
Asupan_karbohidrat	dosis 2	.179	5	.200	.936	5	.635
	dosis 3	.184	5	.200	.988	5	.974
	negatif	.199	5	.200	.972	5	.886
	positif	.162	5	.200	.989	5	.978
	dosis 1	.235	5	.200	.909	5	.461
	dosis 2	.178	5	.200	.935	5	.631
	dosis 3	.182	5	.200	.989	5	.975

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

b. Hasil Uji Homogenitas

		Levene Statistic	df1	df2	Sig.
Pakan	Based on Mean	.483	4	20	.748
	Based on Median	.362	4	20	.832
	Based on Median and with adjusted df	.362	4	18.974	.832
	Based on trimmed mean	.484	4	20	.748



Asupan_energi	Based on Mean	1.041	4	20	.411
	Based on Median	.737	4	20	.578
	Based on Median and with adjusted df	.737	4	17.515	.579
	Based on trimmed mean	1.038	4	20	.412
Asupan_protein	Based on Mean	.334	4	20	.852
	Based on Median	.240	4	20	.912
	Based on Median and with adjusted df	.240	4	19.423	.912
	Based on trimmed mean	.332	4	20	.853
Asupan_lemak	Based on Mean	2.602	4	20	.067
	Based on Median	1.809	4	20	.167
	Based on Median and with adjusted df	1.809	4	15.685	.177
	Based on trimmed mean	2.597	4	20	.067
Asupan_karbohidrat	Based on Mean	.281	4	20	.887
	Based on Median	.202	4	20	.934
	Based on Median and with adjusted df	.202	4	19.521	.934
	Based on trimmed mean	.279	4	20	.888

c. Hasil Uji *One Way Anova*

**ANOVA**

		Sum of Squares	df	Mean Square	F	Sig.
Pakan	Between Groups	100.960	4	25.240	.676	.616
	Within Groups	746.400	20	37.320		
	Total	847.360	24			
Asupan_energi	Between Groups	1721.595	4	430.399	.884	.491
	Within Groups	9738.375	20	486.919		
	Total	11459.970	24			
Asupan_protein	Between Groups	6.082	4	1.521	3.504	.025
	Within Groups	8.679	20	.434		
	Total	14.762	24			
Asupan_lemak	Between Groups	97.407	4	24.352	19.002	.000
	Within Groups	25.630	20	1.282		
	Total	123.038	24			
Asupan_karbohidrat	Between Groups	107.173	4	26.793	4.737	.007
	Within Groups	113.112	20	5.656		
	Total	220.285	24			

d. Hasil Uji Post Hoc Tukey

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) perlakuan	(J) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Pakan	negatif	positif	3.60000	3.86368	.881	-7.9616	15.1616
		dosis 1	3.80000	3.86368	.860	-7.7616	15.3616
		dosis 2	4.80000	3.86368	.728	-6.7616	16.3616
		dosis 3	6.00000	3.86368	.542	-5.5616	17.5616
	positif	negatif	-3.60000	3.86368	.881	-15.1616	7.9616
		dosis 1	.20000	3.86368	1.000	-11.3616	11.7616
		dosis 2	1.20000	3.86368	.998	-10.3616	12.7616
		dosis 3	2.40000	3.86368	.970	-9.1616	13.9616
	dosis 1	negatif	-3.80000	3.86368	.860	-15.3616	7.7616
		positif	-.20000	3.86368	1.000	-11.7616	11.3616
		dosis 2	1.00000	3.86368	.999	-10.5616	12.5616
		dosis 3	2.20000	3.86368	.978	-9.3616	13.7616
	dosis 2	negatif	-4.80000	3.86368	.728	-16.3616	6.7616
		positif	-1.20000	3.86368	.998	-12.7616	10.3616
		dosis 1	-1.00000	3.86368	.999	-12.5616	10.5616
		dosis 3	1.20000	3.86368	.998	-10.3616	12.7616
dosis 3	negatif	-6.00000	3.86368	.542	-17.5616	5.5616	
	positif	-2.40000	3.86368	.970	-13.9616	9.1616	
	dosis 1	-2.20000	3.86368	.978	-13.7616	9.3616	
	dosis 2	-1.20000	3.86368	.998	-12.7616	10.3616	
Asupan_energi	negatif	positif	-23.29200	13.95591	.474	-65.0533	18.4693
		dosis 1	-21.42600	13.95591	.553	-63.1873	20.3353
		dosis 2	-17.82000	13.95591	.708	-59.5813	23.9413
		dosis 3	-13.72200	13.95591	.860	-55.4833	28.0393
	positif	negatif	23.29200	13.95591	.474	-18.4693	65.0533
		dosis 1	1.86600	13.95591	1.000	-39.8953	43.6273
		dosis 2	5.47200	13.95591	.995	-36.2893	47.2333
		dosis 3	9.57000	13.95591	.957	-32.1913	51.3313
	dosis 1	negatif	21.42600	13.95591	.553	-20.3353	63.1873
		positif	-1.86600	13.95591	1.000	-43.6273	39.8953
		dosis 2	3.60600	13.95591	.999	-38.1553	45.3673
		dosis 3	7.70400	13.95591	.980	-34.0573	49.4653
	dosis 2	negatif	17.82000	13.95591	.708	-23.9413	59.5813
		positif	-5.47200	13.95591	.995	-47.2333	36.2893
		dosis 1	-3.60600	13.95591	.999	-45.3673	38.1553
		dosis 3	4.09800	13.95591	.998	-37.6633	45.8593
dosis 3	negatif	13.72200	13.95591	.860	-28.0393	55.4833	

		positif	-9.57000	13.95591	.957	-51.3313	32.1913
		dosis 1	-7.70400	13.95591	.980	-49.4653	34.0573
		dosis 2	-4.09800	13.95591	.998	-45.8593	37.6633
Asupan_protein	negatif	positif	1.08800	.41664	.106	-.1587	2.3347
		dosis 1	1.14400	.41664	.082	-.1027	2.3907
		dosis 2	1.24600	.41664	.050	-.0007	2.4927
		dosis 3	1.36400	.41664	.028	.1173	2.6107
	positif	negatif	-1.08800	.41664	.106	-2.3347	.1587
		dosis 1	.05600	.41664	1.000	-1.1907	1.3027
		dosis 2	.15800	.41664	.995	-1.0887	1.4047
		dosis 3	.27600	.41664	.962	-.9707	1.5227
	dosis 1	negatif	-1.14400	.41664	.082	-2.3907	.1027
		positif	-.05600	.41664	1.000	-1.3027	1.1907
		dosis 2	.10200	.41664	.999	-1.1447	1.3487
		dosis 3	.22000	.41664	.983	-1.0267	1.4667
	dosis 2	negatif	-1.24600	.41664	.050	-2.4927	.0007
		positif	-.15800	.41664	.995	-1.4047	1.0887
		dosis 1	-.10200	.41664	.999	-1.3487	1.1447
		dosis 3	.11800	.41664	.998	-1.1287	1.3647
	dosis 3	negatif	-1.36400	.41664	.028	-2.6107	-.1173
		positif	-.27600	.41664	.962	-1.5227	.9707
		dosis 1	-.22000	.41664	.983	-1.4667	1.0267
		dosis 2	-.11800	.41664	.998	-1.3647	1.1287
Asupan_lemak	negatif	positif	-5.14000	.71597	.000	-7.2824	-2.9976
		dosis 1	-5.03800	.71597	.000	-7.1804	-2.8956
		dosis 2	-4.85000	.71597	.000	-6.9924	-2.7076
		dosis 3	-4.63600	.71597	.000	-6.7784	-2.4936
	positif	negatif	5.14000	.71597	.000	2.9976	7.2824
		dosis 1	.10200	.71597	1.000	-2.0404	2.2444
		dosis 2	.29000	.71597	.994	-1.8524	2.4324
		dosis 3	.50400	.71597	.953	-1.6384	2.6464
	dosis 1	negatif	5.03800	.71597	.000	2.8956	7.1804
		positif	-.10200	.71597	1.000	-2.2444	2.0404
		dosis 2	.18800	.71597	.999	-1.9544	2.3304
		dosis 3	.40200	.71597	.979	-1.7404	2.5444
	dosis 2	negatif	4.85000	.71597	.000	2.7076	6.9924
		positif	-.29000	.71597	.994	-2.4324	1.8524
		dosis 1	-.18800	.71597	.999	-2.3304	1.9544
		dosis 3	.21400	.71597	.998	-1.9284	2.3564
	dosis 3	negatif	4.63600	.71597	.000	2.4936	6.7784
		positif	-.50400	.71597	.953	-2.6464	1.6384
		dosis 1	-.40200	.71597	.979	-2.5444	1.7404
		dosis 2	-.21400	.71597	.998	-2.3564	1.9284
Asupan_karbohidrat	negatif	positif	4.67200	1.50407	.040	.1712	9.1728

	dosis 1	4.86600	1.50407	.030	.3652	9.3668
	dosis 2	5.23600	1.50407	.018	.7352	9.7368
	dosis 3	5.65600	1.50407	.010	1.1552	10.1568
positif	negatif	-4.67200	1.50407	.040	-9.1728	-.1712
	dosis 1	.19400	1.50407	1.000	-4.3068	4.6948
	dosis 2	.56400	1.50407	.995	-3.9368	5.0648
	dosis 3	.98400	1.50407	.964	-3.5168	5.4848
dosis 1	negatif	-4.86600	1.50407	.030	-9.3668	-.3652
	positif	-.19400	1.50407	1.000	-4.6948	4.3068
	dosis 2	.37000	1.50407	.999	-4.1308	4.8708
	dosis 3	.79000	1.50407	.984	-3.7108	5.2908
dosis 2	negatif	-5.23600	1.50407	.018	-9.7368	-.7352
	positif	-.56400	1.50407	.995	-5.0648	3.9368
	dosis 1	-.37000	1.50407	.999	-4.8708	4.1308
	dosis 3	.42000	1.50407	.999	-4.0808	4.9208
dosis 3	negatif	-5.65600	1.50407	.010	-10.1568	-1.1552
	positif	-.98400	1.50407	.964	-5.4848	3.5168
	dosis 1	-.79000	1.50407	.984	-5.2908	3.7108
	dosis 2	-.42000	1.50407	.999	-4.9208	4.0808

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

### Homogenous Subsets

#### Pakan

Tukey HSD

perlakuan	N	Subset for alpha = 0.05	
		1	
dosis 3	5	27.8000	
dosis 2	5	29.0000	
dosis 1	5	30.0000	
positif	5	30.2000	
negatif	5	33.8000	
Sig.			.542

Means for groups in homogeneous subsets are displayed.

#### Asupan\_energi

Tukey HSD

perlakuan	N	Subset for alpha = 0.05	
		1	
negatif	5	89.8120	
dosis 3	5	103.5340	
dosis 2	5	107.6320	
dosis 1	5	111.2380	
positif	5	113.1040	
Sig.			.474

Means for groups in homogeneous subsets are displayed.

**Asupan\_protein**

Tukey HSD

perlakuan	N	Subset for alpha = 0.05	
		1	2
dosis 3	5	2.9680	
dosis 2	5	3.0860	3.0860
dosis 1	5	3.1880	3.1880
positif	5	3.2440	3.2440
negatif	5		4.3320
Sig.		.962	.050

Means for groups in homogeneous subsets are displayed.

**Asupan\_karbohidrat**

Tukey HSD

perlakuan	N	Subset for alpha = 0.05	
		1	2
dosis 3	5	10.6640	
dosis 2	5	11.0840	
dosis 1	5	11.4540	
positif	5	11.6480	
negatif	5		16.3200
Sig.		.964	1.000

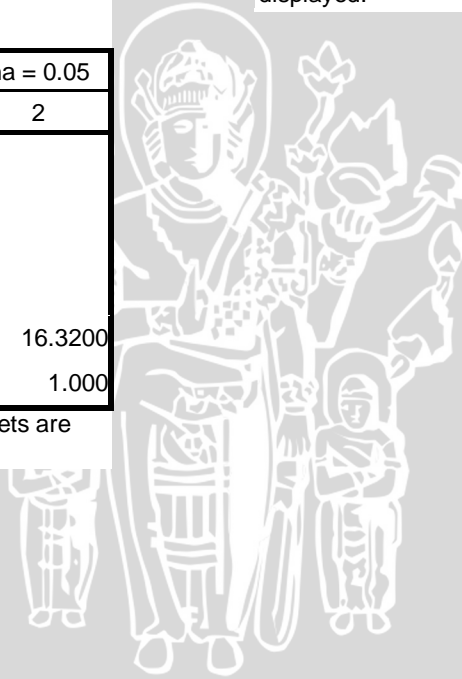
Means for groups in homogeneous subsets are displayed.

**Asupan\_lemak**

Tukey HSD

perlakuan	N	Subset for alpha = 0.05	
		1	2
negatif	5	.7980	
dosis 3	5		5.4340
dosis 2	5		5.6480
dosis 1	5		5.8360
positif	5		5.9380
Sig.		1.000	.953

Means for groups in homogeneous subsets are displayed.



### Lampiran 9. Dokumentasi Penelitian

#### Pemeliharaan hewan coba



#### Pembuatan larutan serbuk jamur tiram putih



#### Pembuatan pakan hewan coba





Pembedahan dan pengambilan darah hewan coba



**Lampiran 10.** Pernyataan Keaslian Tulisan**PERNYATAAN KEASLIAN TULISAN**

Saya yang bertanda tangan dibawah ini:

Nama : Denis Melati

NIM : 0910730045

Program Studi : Program Studi Ilmu Gizi Kesehatan

Fakultas Kedokteran Universitas Brawijaya

menyatakan dengan sebenarnya bahwa Tugas Akhir yang saya tulis ini benar-benar hasil karya sendiri, bukan merupakan pengambilalihan tulisan atau pikiran orang lain yang saya akui sebagai tulisan atau pikiran saya sendiri. Apabila di kemudian hari dapat dibuktikan bahwa Tugas Akhir ini adalah hasil jiplakan, maka saya bersedia menerima sanksi atas perbuatan tersebut.

Malang, 23 Juli 2013

Yang membuat pernyataan

( Denis Melati )

NIM. 0910730045

Lampiran 11. *Ethical Clearance*

