

## LAMPIRAN

### Lampiran 1. Konversi Dosis Simvastatin dan Dosis Pemberian

Manusia	Tikus
70 kg	200 gram
Konstanta konversi : x 0,018	
Simvastatin : 40 mg	Simvastatin : 1 mg

Daun kersen dengan berat 2 kg berat basah dihasilkan 1 kg berat daun kering

$$\frac{1}{2} \times 100\% = 50\%.$$

Dari 1 kg berat daun kering diperoleh 150 gram serbuk. Dari 150 gram serbuk diperoleh 30 gram ekstrak. Rendemen : 20%.

## Lampiran 2. Berat Badan Tikus

Kelompok 1 (kontrol negatif / tanpa perlakuan)					
	09-Des-16	12-Des-16	26-Des-16	02-Jan-17	10-Jan-17
P1.1	185	188	205	217	230
P1.2	187	191	209	220	231
P1.3	190	193	208	221	234
P1.4	182	186	202	216	229
P1.5	181	184	201	213	223
P1.6	186	190	207	220	235

Kelompok 2 (kontrol positif / simvastatin)					
	09-Des-16	12-Des-16	26-Des-16	02-Jan-17	10-Jan-17
P2.1	187	192	210	218	225
P2.2	180	184	200	209	215
P2.3	178	180	198	205	213
P2.4	182	185	201	210	218
P2.5	178	180	198	206	212
P2.6	180	182	201	211	219

Kelompok 3 (perlakuan/ ekstrak kersen 100 mg/kgBB)					
	09-Des-16	12-Des-16	26-Des-16	02-Jan-17	10-Jan-17
P3.1	183	186	203	218	228
P3.2	185	189	206	209	219
P3.3	189	191	208	205	215
P3.4	190	194	211	210	221
P3.5	179	182	199	206	216
P3.6	190	194	210	211	219

Kelompok 4 (perlakuan/ ekstrak kersen 200 mg/kgBB)					
	09-Des-16	12-Des-16	26-Des-16	02-Jan-17	10-Jan-17
P4.1	184	187	202	212	220
P4.2	187	190	208	214	223
P4.3	192	195	212	218	224
P4.4	190	192	207	220	228
P4.5	193	197	214	208	214
P4.6	186	188	205	218	226

Kelompok 5 (perlakuan/ ekstrak kersen 400 mg/kgBB)					
	09-Des-16	12-Des-16	26-Des-16	02-Jan-17	10-Jan-17
P5.1	180	184	199	209	215
P5.2	183	186	203	213	221
P5.3	189	192	208	218	226
P5.4	186	190	207	212	220
P5.5	190	193	211	218	224
P5.6	182	184	200	211	219

## Lampiran 3. Kadar Trigliserida Tikus

Kelompok 1 (kontrol negatif / tanpa perlakuan)				
	12-Des-16	26-Des-16	02-Jan-17	10-Jan-17
P1.1	66,90	123,19	125,90	130,25
P1.2	66,20	127,00	140,29	140,93
P1.3	65,49	121,67	130,22	141,64
P1.4	67,61	119,39	131,65	135,23
P1.5	64,79	121,67	135,97	139,50
P1.6	72,54	117,11	133,09	133,81

Kelompok 2 (kontrol positif / simvastatin)				
	12-Des-16	26-Des-16	02-Jan-17	10-Jan-17
P2.1	63,38	124,71	94,96	90,39
P2.2	62,68	123,95	92,09	85,41
P2.3	66,20	120,91	90,65	86,83
P2.4	64,79	122,43	94,96	83,27
P2.5	69,01	120,91	94,24	88,97
P2.6	71,13	119,39	96,40	84,70

Kelompok 3 (perlakuan/ ekstrak kersen 100 mg/kgBB)				
	12-Des-16	26-Des-16	02-Jan-17	10-Jan-17
P3.1	67,61	118,63	117,99	99,64
P3.2	66,20	123,19	110,79	106,05
P3.3	66,90	121,67	109,35	108,90
P3.4	68,31	117,87	111,51	111,03
P3.5	69,72	121,67	112,95	104,63
P3.6	69,01	119,39	114,39	106,76

Kelompok 4 (perlakuan/ ekstrak kersen 200 mg/kgBB)				
	12-Des-16	26-Des-16	02-Jan-17	10-Jan-17
P4.1	66,20	116,35	100,00	95,37
P4.2	63,38	120,15	98,56	93,24
P4.3	69,72	124,71	97,12	92,53
P4.4	66,90	122,43	99,28	96,80
P4.5	67,61	117,87	96,40	91,81
P4.6	64,08	123,19	97,84	93,95

Kelompok 5 (perlakuan/ ekstrak kersen 400 mg/kgBB)				
	12-Des-16	26-Des-16	02-Jan-17	10-Jan-17
P5.1	65,49	115,59	89,93	77,58
P5.2	68,31	123,95	85,61	71,89
P5.3	64,79	126,24	89,21	76,16
P5.4	67,61	123,95	92,09	79,72
P5.5	64,08	120,91	94,24	75,44
P5.6	63,38	123,19	88,49	80,43

## Lampiran 4. Rerata dan Standar Deviasi

## Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
Kadar TG Awal	Kontrol	6	67.2550	2.77445	1.13266	64.3434	70.1666	64.79	72.54
	Simvastatin	6	66.1983	3.30248	1.34823	62.7326	69.6641	62.68	71.13
	Ext100	6	67.9583	1.31653	.53747	66.5767	69.3399	66.20	69.72
	Ext200	6	66.3150	2.33392	.95282	63.8657	68.7643	63.38	69.72
	Ext400	6	65.6100	1.96421	.80189	63.5487	67.6713	63.38	68.31
	Total		30	66.6673	2.41445	.44082	65.7658	67.5689	62.68
Kadar TG Minggu 2	Kontrol	6	1.2167E2	3.36783	1.37491	118.1373	125.2060	117.11	127.00
	Simvastatin	6	1.2205E2	2.02508	.82674	119.9248	124.1752	119.39	124.71
	Ext100	6	1.2040E2	2.07672	.84782	118.2240	122.5827	117.87	123.19
	Ext200	6	1.2078E2	3.23930	1.32244	117.3839	124.1828	116.35	124.71
	Ext400	6	1.2230E2	3.70720	1.51346	118.4145	126.1955	115.59	126.24
	Total		30	1.2140E2	2.84445	.48082	117.7658	125.5689	116.68

	Total	30	1.2144 E2	2.85295	.52088	120.3774	122.5080	115.59	127.00
Kadar TG Minggu 3	Kontrol	6	1.3285 E2	4.93569	2.0149 8	127.6736	138.0330	125.90	140.29
	Simvast atin	6	93.883 3	2.11895	.86506	91.6596	96.1070	90.65	96.40
	Ext100	6	1.1283 E2	3.06881	1.2528 4	109.6095	116.0505	109.35	117.99
	Ext200	6	98.200 0	1.34700	.54991	96.7864	99.6136	96.40	100.00
	Ext400	6	89.928 3	2.98316	1.2178 7	86.7977	93.0590	85.61	94.24
	Total	30	1.0554 E2	16.23189	2.9635 2	99.4779	111.6001	85.61	140.29
Kadar TG Minggu 4	Kontrol	6	1.3689 E2	4.51725	1.8441 6	132.1528	141.6339	130.25	141.64
	Simvast atin	6	86.595 0	2.68882	1.0977 1	83.7733	89.4167	83.27	90.39
	Ext100	6	1.0617 E2	3.91018	1.5963 2	102.0649	110.2718	99.64	111.03
	Ext200	6	93.950 0	1.85683	.75805	92.0014	95.8986	91.81	96.80
	Ext400	6	76.870 0	3.11928	1.2734 4	73.5965	80.1435	71.89	80.43
	Total	30	1.0010 E2	21.32103	3.8926 7	92.1339	108.0567	71.89	141.64



## Lampiran 5. Uji Normalitas

## Tests of Normality

intervensi1		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Perlakuan Minggu 1	kontrol negatif	.148	6	.200 <sup>*</sup>	.992	6	.994
	kontrol positif	.234	6	.200 <sup>*</sup>	.929	6	.571
	ekstrak 100 mg/kgBB	.166	6	.200 <sup>*</sup>	.951	6	.751
	ekstrak 200 mg/kgBB	.122	6	.200 <sup>*</sup>	.982	6	.961
	ekstrak 400 mg/kgBB	.166	6	.200 <sup>*</sup>	.986	6	.976

a. Lilliefors Significance Correction

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

## Tests of Normality

intervensi2		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Perlakuan Minggu 2	kontrol negatif	.218	6	.200 <sup>*</sup>	.922	6	.520
	kontrol positif	.170	6	.200 <sup>*</sup>	.964	6	.847
	ekstrak 100mg/kgBB	.180	6	.200 <sup>*</sup>	.964	6	.850
	ekstrak 200mg/kgBB	.167	6	.200 <sup>*</sup>	.960	6	.821
	ekstrak 400 mg/kgBB	.157	6	.200 <sup>*</sup>	.955	6	.784

a. Lilliefors Significance Correction

**Tests of Normality**

		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
	intervensi2						
Perlakuan Minggu 2	kontrol negatif	.218	6	.200*	.922	6	.520
	kontrol positif	.170	6	.200*	.964	6	.847
	ekstrak 100mg/kgBB	.180	6	.200*	.964	6	.850
	ekstrak 200mg/kgBB	.167	6	.200*	.960	6	.821
	ekstrak 400 mg/kgBB	.157	6	.200*	.955	6	.784

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

Lampiran 6. Uji Homogenitas

**Test of Homogeneity of Variances**

	Levene Statistic	df1	df2	Sig.
Kadar TG Awal	.976	4	25	.438
Kadar TG Minggu 2	.535	4	25	.712
Kadar TG Minggu 3	1.548	4	25	.219
Kadar TG Minggu 4	1.500	4	25	.232

Lampiran 7. Uji One way Anova

**ANOVA**

		Sum of Squares	df	Mean Square	F	Sig.
Kadar TG Awal	Between Groups	20.845	4	5.211	.879	.491
	Within Groups	148.212	25	5.928		
	Total	169.057	29			

Kadar TG Minggu 2	Between Groups	16.079	4	4.020	.457	.767
	Within Groups	219.962	25	8.798		
	Total	236.041	29			
Kadar TG Minggu 3	Between Groups	7395.839	4	1848.960	188.738	.000
	Within Groups	244.911	25	9.796		
	Total	7640.750	29			
Kadar TG Minggu 4	Between Groups	12902.486	4	3225.622	287.476	.000
	Within Groups	280.513	25	11.221		
	Total	13182.999	29			

Lampiran 8. Uji LSD ( Least Significant Difference) dalam Post HocTest

**Multiple Comparisons**

Dependent Variable	(I) GRUP	(J) GRUP	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Kadar TG Awal Bonferro ni	Kontrol	Simvastatin	1.05667	1.40576	1.000	-3.2705	5.3839
		Ext100	-.70333	1.40576	1.000	-5.0305	3.6239
		Ext200	.94000	1.40576	1.000	-3.3872	5.2672
		Ext400	1.64500	1.40576	1.000	-2.6822	5.9722
	Simvastatin	Kontrol	-1.05667	1.40576	1.000	-5.3839	3.2705
		Ext100	-1.76000	1.40576	1.000	-6.0872	2.5672
		Ext200	-.11667	1.40576	1.000	-4.4439	4.2105

			Ext400	.58833	1.40576	1.000	-3.7389	4.9155
		Ext100	Kontrol	.70333	1.40576	1.000	-3.6239	5.0305
			Simvastatin	1.76000	1.40576	1.000	-2.5672	6.0872
			Ext200	1.64333	1.40576	1.000	-2.6839	5.9705
			Ext400	2.34833	1.40576	1.000	-1.9789	6.6755
		Ext200	Kontrol	-.94000	1.40576	1.000	-5.2672	3.3872
			Simvastatin	.11667	1.40576	1.000	-4.2105	4.4439
			Ext100	-1.64333	1.40576	1.000	-5.9705	2.6839
			Ext400	.70500	1.40576	1.000	-3.6222	5.0322
		Ext400	Kontrol	-1.64500	1.40576	1.000	-5.9722	2.6822
			Simvastatin	-.58833	1.40576	1.000	-4.9155	3.7389
			Ext100	-2.34833	1.40576	1.000	-6.6755	1.9789
			Ext200	-.70500	1.40576	1.000	-5.0322	3.6222
Kadar TG	Bonferro	Kontrol	Simvastatin	-.37833	1.71255	1.000	-5.6499	4.8932
Minggu 2	ni		Ext100	1.26833	1.71255	1.000	-4.0032	6.5399
			Ext200	.88833	1.71255	1.000	-4.3832	6.1599
			Ext400	-.63333	1.71255	1.000	-5.9049	4.6382
		Simvastatin	Kontrol	.37833	1.71255	1.000	-4.8932	5.6499
			Ext100	1.64667	1.71255	1.000	-3.6249	6.9182
			Ext200	1.26667	1.71255	1.000	-4.0049	6.5382
			Ext400	-.25500	1.71255	1.000	-5.5266	5.0166
		Ext100	Kontrol	-1.26833	1.71255	1.000	-6.5399	4.0032
			Simvastatin	-1.64667	1.71255	1.000	-6.9182	3.6249
			Ext200	-.38000	1.71255	1.000	-5.6516	4.8916
			Ext400	-1.90167	1.71255	1.000	-7.1732	3.3699
		Ext200	Kontrol	-.88833	1.71255	1.000	-6.1599	4.3832

			Simvastatin	-1.26667	1.71255	1.000	-6.5382	4.0049
			Ext100	.38000	1.71255	1.000	-4.8916	5.6516
			Ext400	-1.52167	1.71255	1.000	-6.7932	3.7499
		Ext400	Kontrol	.63333	1.71255	1.000	-4.6382	5.9049
			Simvastatin	.25500	1.71255	1.000	-5.0166	5.5266
			Ext100	1.90167	1.71255	1.000	-3.3699	7.1732
			Ext200	1.52167	1.71255	1.000	-3.7499	6.7932
Kadar TG Minggu 3	Bonferro ni	Kontrol	Simvastatin	38.97000*	1.80706	.000	33.4075	44.5325
			Ext100	20.02333*	1.80706	.000	14.4608	25.5858
			Ext200	34.65333*	1.80706	.000	29.0908	40.2158
			Ext400	42.92500*	1.80706	.000	37.3625	48.4875
		Simvastatin	Kontrol	-38.97000*	1.80706	.000	-44.5325	-33.4075
			Ext100	-18.94667*	1.80706	.000	-24.5092	-13.3842
			Ext200	-4.31667	1.80706	.248	-9.8792	1.2458
			Ext400	3.95500	1.80706	.382	-1.6075	9.5175
		Ext100	Kontrol	-20.02333*	1.80706	.000	-25.5858	-14.4608
			Simvastatin	18.94667*	1.80706	.000	13.3842	24.5092
			Ext200	14.63000*	1.80706	.000	9.0675	20.1925
			Ext400	22.90167*	1.80706	.000	17.3392	28.4642
		Ext200	Kontrol	-34.65333*	1.80706	.000	-40.2158	-29.0908
			Simvastatin	4.31667	1.80706	.248	-1.2458	9.8792
			Ext100	-14.63000*	1.80706	.000	-20.1925	-9.0675
			Ext400	8.27167*	1.80706	.001	2.7092	13.8342
		Ext400	Kontrol	-42.92500*	1.80706	.000	-48.4875	-37.3625
			Simvastatin	-3.95500	1.80706	.382	-9.5175	1.6075
			Ext100	-22.90167*	1.80706	.000	-28.4642	-17.3392
			Ext200	-8.27167*	1.80706	.001	-13.8342	-2.7092

Kadar TG Minggu 4	Bonferro ni	Kontrol	Simvastatin	50.29833*	1.93395	.000	44.3452	56.2514
			Ext100	30.72500*	1.93395	.000	24.7719	36.6781
			Ext200	42.94333*	1.93395	.000	36.9902	48.8964
			Ext400	60.02333*	1.93395	.000	54.0702	65.9764
		Simvastatin	Kontrol	-50.29833*	1.93395	.000	-56.2514	-44.3452
			Ext100	-19.57333*	1.93395	.000	-25.5264	-13.6202
			Ext200	-7.35500*	1.93395	.008	-13.3081	-1.4019
			Ext400	9.72500*	1.93395	.000	3.7719	15.6781
		Ext100	Kontrol	-30.72500*	1.93395	.000	-36.6781	-24.7719
			Simvastatin	19.57333*	1.93395	.000	13.6202	25.5264
			Ext200	12.21833*	1.93395	.000	6.2652	18.1714
			Ext400	29.29833*	1.93395	.000	23.3452	35.2514
		Ext200	Kontrol	-42.94333*	1.93395	.000	-48.8964	-36.9902
			Simvastatin	7.35500*	1.93395	.008	1.4019	13.3081
			Ext100	-12.21833*	1.93395	.000	-18.1714	-6.2652
			Ext400	17.08000*	1.93395	.000	11.1269	23.0331
		Ext400	Kontrol	-60.02333*	1.93395	.000	-65.9764	-54.0702
			Simvastatin	-9.72500*	1.93395	.000	-15.6781	-3.7719
			Ext100	-29.29833*	1.93395	.000	-35.2514	-23.3452
			Ext200	-17.08000*	1.93395	.000	-23.0331	-11.1269

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



