Lampiran 1

Analisis data diameter duktus kelenjar mammae

NPar Test

One-Sample Kolmogorov-Smirnov Test

		K+	K-	P1	P2	P3	P4
N		5	4	4	4	4	4
Normal Parameters[a,,b]	Mean	651.5776	573.2890	659.6710	594.3840	666.3020	678.9480
	Std. Deviation	71.00439	51.44719	60.22268	20.59485	51.51570	31.55513
Most Extreme Differences	Absolute	.232	.331	.282	.203	.273	.240
	Positive	.157	.170	.282	.203	.273	.211
	Negative	-.232	-.331	-.257	-.183	-.229	-.240
Kolmogorov-Smirnov Z		.518	.662	.564	.406	.545	.481
Asymp. Sig. (2-tailed)		.951	.773	.908	.996	.928	.975

a. Test distribution is Normal.

b. Calculated from data.

Oneway

Descriptives

Diameter Duktus

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
K+	5	651.5776	71.00439	31.75413	563.4140	739.7412	562.75	726.36
K-	4	573.2890	51.44719	25.72360	491.4250	655.1530	501.11	623.08
P1	4	659.6710	60.22268	30.11134	563.8433	755.4987	603.42	720.91
P2	4	594.3840	20.59485	10.29742	561.6130	627.1550	569.88	619.96
P3	4	666.3020	51.51570	25.75785	584.3290	748.2750	628.06	740.00
P4	4	678.9480	31.55513	15.77757	628.7367	729.1593	634.70	704.28
Total	25	637.9306	60.64895	12.12979	612.8959	662.9652	501.11	740.00

Test of Homogeneity of Variances

Diameter Duktus

Levene Statistic	df1	df2	Sig.
2.068	5	19	.115

ANOVA

Diameter Duktus

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	37070.608	5	7414.122	2.751	.049
Within Groups	51208.474	19	2695.183		
Total	88279.082	24			

Homogeneous Subsets

Diameter Duktus

			Subset for alpha = 0.05		
	kelompok	N	1	2	3
Duncan[a,,b]	K-	4	573.2890		
	P2	4	594.3840	594.3840	
	K+	5	651.5776	651.5776	651.5776
	P1	4		659.6710	659.6710
	P3	4		666.3020	666.3020
	P4	4			678.9480
	Sig.		.053	.082	.496

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.138.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

Lampiran 2

Analisis data diameter lumen duktus kelenjar mammae

NPar Test

One-Sample Kolmogorov-Smirnov Test

		K+	K-	P1	P2	P3	P4
N		5	4	4	4	4	4
Normal Parameters[a,,b]	Mean	472.7757	110.0377	246.7398	206.5442	281.4974	312.5821
	Std. Deviation	68.17113	32.88783	109.52091	50.33074	66.10944	26.40647
Most Extreme Differences	Absolute	.231	.193	.210	.264	.161	.253
	Positive	.190	.193	.188	.264	.161	.253
	Negative	-.231	-.164	-.210	-.212	-.152	-.199
Kolmogorov-Smirnov Z		.517	.386	.420	.528	.322	.505
Asymp. Sig. (2-tailed)		.952	.998	.995	.943	1.000	.960

a. Test distribution is Normal.

b. Calculated from data.

Descriptives

Diameter Lumen Duktus

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
K+	5	472.7757	68.17113	30.48706	388.1301	557.4213	387.17	545.91
K-	4	110.0377	32.88783	16.44391	57.7058	162.3696	74.12	148.57
P1	4	246.7398	109.52091	54.76046	72.4676	421.0120	121.94	364.55
P2	4	206.5442	50.33074	25.16537	126.4568	286.6316	148.37	271.27
P3	4	281.4974	66.10944	33.05472	176.3025	386.6923	205.83	358.75
P4	4	312.5821	26.40647	13.20323	270.5635	354.6007	290.29	347.86
Total	25	279.7393	131.06043	26.21209	225.6402	333.8384	74.12	545.91

Test of Homogeneity of Variances

Diameter Lumen Duktus

Levene Statistic	df1	df2	Sig.
3.458	5	19	.022

Robust Tests of Equality of Means

Diameter Lumen Duktus

	Statistic[a]	df1	df2	Sig.
Brown-Forsythe	15.727	5	10.178	.000

a. Asymptotically F distributed.

Post Hoc Test

Multiple Comparisons

Diameter Lumen Duktus

	(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Games-Howell	K+	K-	362.73801*	34.63904	.000	224.8004	500.6756
		P1	226.03591	62.67510	.096	-46.0010	498.0728
		P2	266.23151*	39.53172	.002	116.3309	416.1321
		P3	191.27831*	44.96749	.031	18.3088	364.2478
		P4	160.19361*	33.22328	.027	22.6732	297.7141
	K-	K+	-362.73801*	34.63904	.000	-500.6756	-224.8004
		P1	-136.70210	57.17613	.347	-427.6326	154.2284
		P2	-96.50650	30.06157	.132	-223.0244	30.0114
		P3	-171.45970*	36.91906	.045	-338.2845	-4.6349
		P4	-202.54440*	21.08857	.001	-287.8372	-117.2516
	P1	K+	-226.03591	62.67510	.096	-498.0728	46.0010
		K-	136.70210	57.17613	.347	-154.2284	427.6326
		P2	40.19560	60.26611	.977	-237.9956	318.3868
		P3	-34.75760	63.96345	.991	-309.2507	239.7355
		P4	-65.84230	56.32968	.831	-362.5774	230.8928
	P2	K+	-266.23151*	39.53172	.002	-416.1321	-116.3309
		K-	96.50650	30.06157	.132	-30.0114	223.0244
		P1	-40.19560	60.26611	.977	-318.3868	237.9956
		P3	-74.95320	41.54408	.527	-244.3891	94.4827
		P4	-106.03790	28.41868	.092	-232.6125	20.5367
	P3	K+	-191.27831*	44.96749	.031	-364.2478	-18.3088
		K-	171.45970*	36.91906	.045	4.6349	338.2845
		P1	34.75760	63.96345	.991	-239.7355	309.2507
		P2	74.95320	41.54408	.527	-94.4827	244.3891
		P4	-31.08470	35.59410	.935	-201.4103	139.2409
	P4	K+	-160.19361*	33.22328	.027	-297.7141	-22.6732
		K-	202.54440*	21.08857	.001	117.2516	287.8372
		P1	65.84230	56.32968	.831	-230.8928	362.5774
		P2	106.03790	28.41868	.092	-20.5367	232.6125
		P3	31.08470	35.59410	.935	-139.2409	201.4103

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

Lampiran 3

Analisis Data Tebal Epitel Duktus Kelenjar Mammae

NPar Test

One-Sample Kolmogorov-Smirnov Test

		K+	K-	P1	P2	P3	P4
N		5	4	4	4	4	4
Normal Parameters[a,,b]	Mean	87.8509	232.9917	204.0659	207.9627	189.5189	164.7838
	Std. Deviation	4.65853	21.35381	27.48553	45.82962	13.52985	16.94418
Most Extreme Differences	Absolute	.219	.244	.272	.280	.230	.222
	Positive	.219	.213	.272	.280	.193	.222
	Negative	-.166	-.244	-.190	-.166	-.230	-.191
Kolmogorov-Smirnov Z		.490	.487	.545	.560	.460	.443
Asymp. Sig. (2-tailed)		.970	.972	.928	.913	.984	.989

a. Test distribution is Normal.

b. Calculated from data.

Oneway

Descriptives

Tebal epitel

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
K+	5	87.8509	4.65853	2.08336	82.0665	93.6352	83.33	94.00
K-	4	232.9917	21.35381	10.67691	199.0130	266.9704	206.06	258.26
P1	4	204.0659	27.48553	13.74276	160.3303	247.8015	179.93	242.90
P2	4	207.9627	45.82962	22.91481	135.0375	280.8879	162.38	271.27
P3	4	189.5189	13.52985	6.76493	167.9899	211.0479	170.76	201.25
P4	4	164.7838	16.94418	8.47209	137.8218	191.7458	150.00	188.14
Total	25	177.4619	54.65585	10.93117	154.9010	200.0227	83.33	271.27

Test of Homogeneity of Variances

Tebal Epitel

Levene Statistic	df1	df2	Sig.
1.813	5	19	.158

ANOVA

Tebal Epitel

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	60261.618	5	12052.324	20.030	.000
Within Groups	11432.675	19	601.720		
Total	71694.292	24			

Homogeneous Subsets

Tebal Epitel

			Subset for alpha = 0.05			
	kelompok	N	1	2	3	4
Duncan[a,,b]	K+	5	87.8509			
	P4	4		164.7838		
	P3	4		189.5189	189.5189	
	P1	4			204.0659	204.0659
	P2	4			207.9627	207.9627
	K-	4				232.9917
	Sig.		1.000	.163	.319	.124

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.138.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

Lampiran 4

Analisis data berat badan mencit selama masa penelitian

NPar Test

One-Sample Kolmogorov-Smirnov Test

		berat_badan
N		48
Normal Parameters[a,,b]	Mean	20.7700
	Std. Deviation	1.16095
Most Extreme Differences	Absolute	.160
	Positive	.076
	Negative	-.160
Kolmogorov-Smirnov Z		1.106
Asymp. Sig. (2-tailed)		.173

a. Test distribution is Normal.

Univariate Analysis of Variance

Tests of Between-Subjects Effects

Dependent Variable:berat_badan

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Model	20752.211[a]	13	1596.324	3104.846	.000
kelompok	15.177	5	3.035	5.904	.000
minggu_ke	30.175	7	4.311	8.384	.000
Error	17.995	35	.514		
Total	20770.206	48			

a. R Squared = .999 (Adjusted R Squared = .999)

Lampiran 5

Tabel rerata diameter duktus kelenjar mammae (µm)

Ulangan	Kelompok					
	K+	K-	P1	P2	P3	P4
1	607.67	585.15	603.42	590.89	628.06	698.62
2	726.36	501.11	701.64	569.88	740.00	678.18
3	719.77	623.08	612.72	619.96	663.39	704.28
4	641.33	583.81	720.91	596.81	633.76	634.70
5	562.75	-	-	-	-	-
Rerata	651.58 ± 71.04	573.29 ± 51.45	659.67 ± 60.22	594.38 ± 20.59	666.30 ± 51.52	678.95 ± 31.55

Lampiran 6

Tabel rerata diameter lumen duktus kelenjar mammae (µm)

Ulangan	Kelompok					
	K+	K-	P1	P2	P3	P4
1	435.33	74.12	121.94	201.79	205.83	317.63
2	545.91	93.46	364.55	204.76	358.75	294.55
3	538.14	124.00	193.21	271.27	307.32	347.86
4	457.33	148.57	307.27	148.37	254.08	290.29
5	387.17	-	-	-	-	-
Rerata	472.78 ±68.17	110.04 ± 32.89	246.74 ± 109.52	206.54 ± 50.33	281.50 ± 66.11	312.58 ± 26.41

Lampiran 7

Tabel rerata tebal epitel duktus kelenjar mammae (µm)

Ulangan	Kelompok					
	K+	K-	P1	P2	P3	P4
1	83.33	193.99	242.90	204.52	197.22	165.99
2	87.27	198.86	179.93	162.38	201.25	150.00
3	91.05	237.22	202.52	271.27	188.84	155.00
4	94.00	223.75	190.91	193.68	170.76	188.14
5	83.60	-	-	-	-	-
Rerata	87.85 ± 4.66	232.99 ± 21.35	204.06 ± 27.486	207.96 ± 45.83	189.52 ± 13.53	164.78 ± 16.94

Lampiran 8

Tabel rerata jenis epitel duktus kelenjar mammae (%)

Kelompok	Jenis Epitel Duktus (%)			Jumlah Seluruh Epitel yang Teramati
	Selapis	Berlapis Teratur	Berlapis Tidak Teratur	
K+	100	0	0	102
K-	0	44,4	55,6	151
P1	0	73,9	26,1	138
P2	3,6	83,4	13	175
P3	6,9	80,4	12,7	102
P4	21,5	77,9	0,6	121

Lampiran 9

Tabel kematian hewan uji selama masa penelitian

Kelompok	Jumlah hewan yang mati (minggu ke-..)								Jumlah hewan yang hidup
	1	2	3	4	5	6	7	8	
K-	-	-	-	-	-	1	-	-	4
K+	-	-	-	-	-	-	-	-	5
P1	-	-	-	1	-	-	-	-	4
P2	-	-	-	-	1	-	-	-	4
P3	-	-	-	-	-	-	1	-	4
P4	-	-	-	-	-	1	-	-	4

Lampiran 10

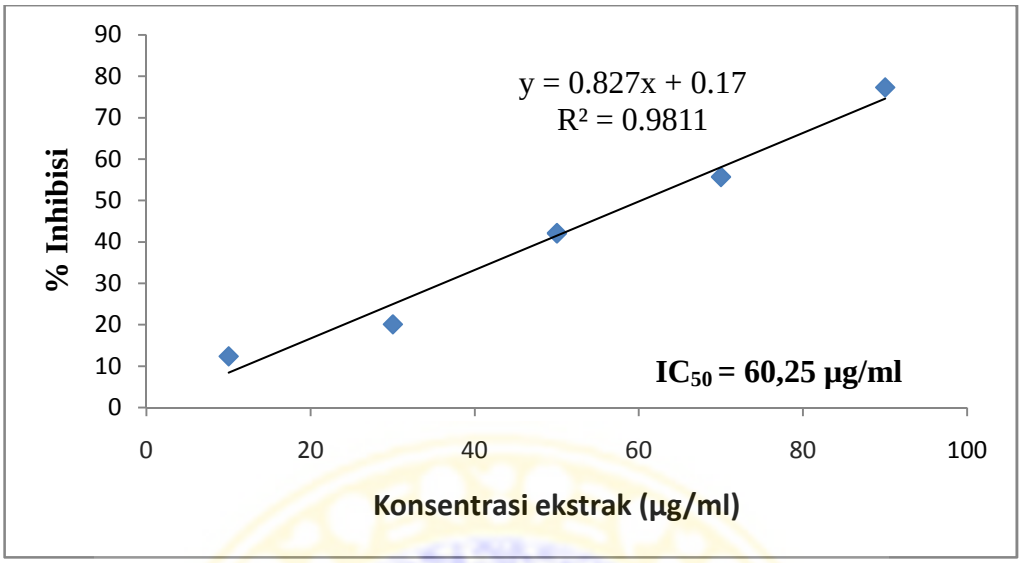
Tabel data berat badan mencit (gram)

Kelompok	Minggu Ke-							
	I	II	III	IV	V	VI	VII	VIII
K+	22.02	20.98	21.30	21.78	22.03	22.33	22.57	22.81
K-	21.20	21.21	21.08	20.95	20.28	19.95	19.18	18.6
P1	21.64	21.74	21.86	21.43	20.88	20	19.65	18.87
P2	21.79	21.60	21.26	21.09	20.85	20.14	19.87	18.77
P3	21.58	21.78	21.32	21.45	20.81	19.72	19.07	18.57
P4	21.36	21.81	21.20	21.46	20.37	19.85	19.38	18.27

$$\frac{AbsKontrol - AbsSampel}{AbsKontrol} x100\%$$

Ket :
Abs kontrol : Serapan radikal DPPH 50 µM pada panjang gelombang 515 nm.
Abs Sampel : Serapan sampel dalam radikal DPPH 50 µM pada panjang gelombang 515 nm.

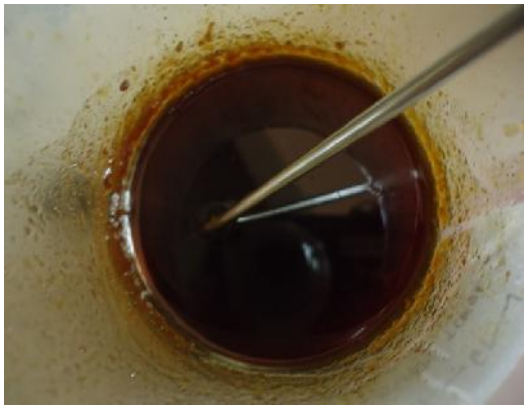
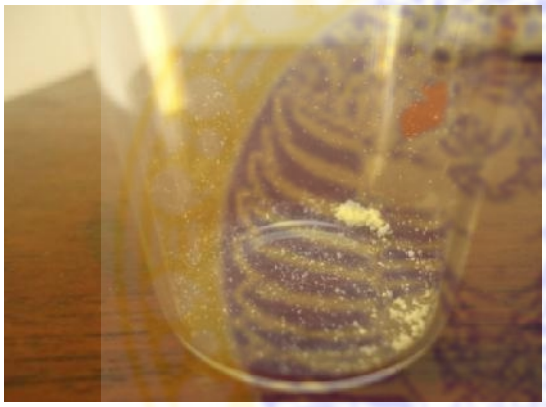
Konsentrasi (µg/ml)	Ulangan	A_{sampel}	$A_{kontrol}$	Perhitungan	% Inhibisi
10	0,374 0,341 0,366	0,360	0,411	$\frac{0,411 - 0,360}{0,411}$ x 100%	12,4
30	0,312 0,325 0,347	0,328		$\frac{0,411 - 0,328}{0,411}$ x 100%	20,1
50	0,234 0,228 0,246	0,236		$\frac{0,411 - 0,236}{0,411}$ x 100%	42,5
70	0,169 0,181 0,196	0,178		$\frac{0,411 - 0,178}{0,411}$ x 100%	55,7
90	0,101 0,098 0,080	0,093		$\frac{0,411 - 0,093}{0,411}$ x 100%	77,3

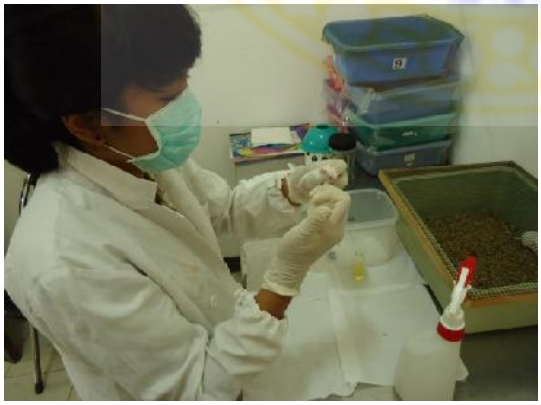

y = 0.827x + 0.17
R² = 0.9811
IC50 = 60,25 µg/ml
% Inhibisi
Konsentrasi ekstrak (µg/ml)
0
10
20
30
40
50
60
70
80
90
0
20
40
60
80
100

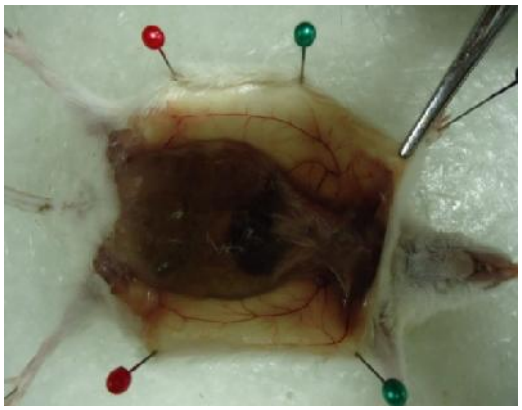
Nilai			Rerata
A1	**A2**	**A3**	**nilai A**
0,201	0,203	0,206	0,203

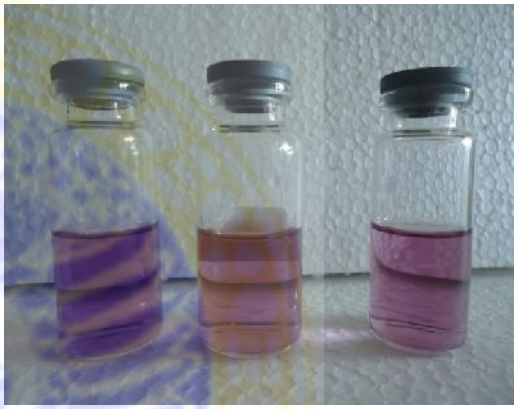
$$C = \frac{A}{E_{1cm}^{1\%} xb}$$

Keterangan : C = konsentrasi (g/100 ml)
A = absorban
b = tebal kuvet (cm)
$E_{1\,cm}^{1\%} = 3{,}450$






Scout Pro
0.0


Alkohol 70%