

LAMPIRAN A
SERTIFIKAT MENCIT JANTAN GALUR BALB/C

Drh Rachmad Priyadi

Peternakan Tikus
Tlp : 085706511245 / 081325941001

Surat Keterangan

No : 01/IX/2014

Yang bertanda tangan dibawah ini :

Nama : Drh. Rachmad Priyadi

Menerangkan :

Jenis : Mencit Mus Musculus

Strain : Balb / c

Umur : ± 2 – 3 bulan

Jenis Kelamin : Jantan

Berat : 20 – 30 gram

Kondisi : Sehat dan tidak terjangkit penyakit


Jumlah : 110 ekor

Ditujukan kepada :

Mahasiswa : Oktovianus Mario Brio, Fakultas Farmasi
Unika. Widya Mandala Surabaya

Demikian surat keterangan ini dibuat untuk dapat dipergunakan sebagaimana mestinya

Surabaya, 01 September 2014


Drh. Rachmad Priyadi
001-31361228
081325941001
(Drh. Rachmad Priyadi)

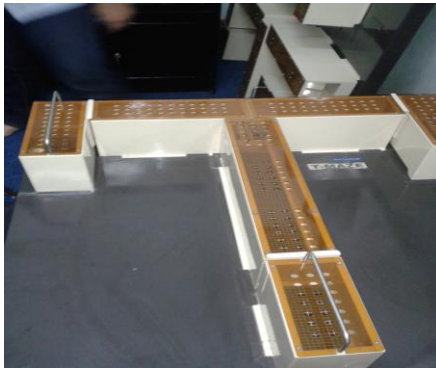
LAMPIRAN B
DOKUMENTASI PENELITIAN



Gambar 1 : Mencit sebagai hewan coba



Gambar 2 : Mencit pada saat direangka



Gambar 3 : *T Maze*
Labyrinth Lab Psikologi



Gambar 4 : *T Maze Labyrinth* Lab Hewan



Gambar 5 : Mencit yang terpapar *stressor*



Gambar 6 : Proses uji fungsi memori



Gambar 7 : Penimbangan Berat Badan mencit



Gambar 8 : Alat renang mencit

LAMPIRAN C
HASIL PERHITUNGAN STATISTIK *TWO WAY ANOVA*

Tests of Between-Subjects Effects

Dependent Variable:waktu mengingat

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	697945.428 ^a	13	53688.110	4.955	.000
Intercept	4425888.448	1	4425888.448	408.478	.000
tmaze	3984.358	1	3984.358	.368	.547
kelompok	562142.528	6	93690.421	8.647	.000
tmaze * kelompok	131801.461	6	21966.910	2.027	.078
Error	585093.343	54	10835.062		
Total	5724329.122	68			
Corrected Total	1283038.772	67			

a. R Squared = .544 (Adjusted R Squared = .434)

Tests of Between-Subjects Effects

Dependent Variable:berat_badan

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Corrected Model	301.892 ^a	10	30.189	33.852	.000
Intercept	28806.195	1	28806.195	32300.838	.000
kelompok	269.279	6	44.880	50.325	.000
minggu	32.613	4	8.153	9.142	.000
Error	21.403	24	.892		
Total	29129.490	35			
Corrected Total	323.295	34			

a. R Squared = .934 (Adjusted R Squared = .906)

LAMPIRAN D
HASIL PERHITUNGAN *POST HOC TEST* (TUKEY HSD)

Multiple Comparisons

waktu

Tukey HSD

(I) kelompok	(J) kelompok	Mean Difference (I- J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol negatif	5 menit	-102.5330	46.55118	.311	-245.0799	40.0139
	10 menit	-296.5000 [*]	46.55118	.000	-439.0469	-153.9531
	20 menit	-214.7330 [*]	46.55118	.000	-357.2799	-72.1861
	5 menit ginkgo	-81.7000	46.55118	.583	-224.2469	60.8469
	10 menit ginkgo	-95.1000	46.55118	.401	-237.6469	47.4469
	20 menit ginkgo	-145.0998	49.37498	.068	-296.2936	6.0941
	5 menit	Kontrol negatif	102.5330	46.55118	.311	-40.0139
	10 menit	-193.9670 [*]	46.55118	.002	-336.5139	-51.4201
	20 menit	-112.2000	46.55118	.214	-254.7469	30.3469
	5 menit ginkgo	20.8330	46.55118	.999	-121.7139	163.3799

	10 menit ginkgo	7.4330	46.55118	1.000	-135.1139	149.9799
	20 menit ginkgo	-42.5667	49.37498	.977	-193.7606	108.6271
10 menit	Kontrol negatif	296.5000	46.55118	.000	153.9531	439.0469
	5 menit	193.9670	46.55118	.002	51.4201	336.5139
	20 menit	81.7670	46.55118	.582	-60.7799	224.3139
	5 menit ginkgo	214.8000	46.55118	.000	72.2531	357.3469
	10 menit ginkgo	201.4000	46.55118	.001	58.8531	343.9469
	20 menit ginkgo	151.4003	49.37498	.049	.2064	302.5941
20 menit	Kontrol negatif	214.7330	46.55118	.000	72.1861	357.2799
	5 menit	112.2000	46.55118	.214	-30.3469	254.7469
	10 menit	-81.7670	46.55118	.582	-224.3139	60.7799
	5 menit ginkgo	133.0330	46.55118	.082	-9.5139	275.5799
	10 menit ginkgo	119.6330	46.55118	.156	-22.9139	262.1799
	20 menit ginkgo	69.6332	49.37498	.794	-81.5606	220.8271
5 menit ginkgo	Kontrol negatif	81.7000	46.55118	.583	-60.8469	224.2469

	5 menit	-20.8330	46.55118	.999	-163.3799	121.7139
	10 menit	-214.8000	46.55118	.000	-357.3469	-72.2531
	20 menit	-133.0330	46.55118	.082	-275.5799	9.5139
	10 menit ginkgo	-13.4000	46.55118	1.000	-155.9469	129.1469
	20 menit ginkgo	-63.3998	49.37498	.856	-214.5936	87.7941
10 menit ginkgo	Kontrol negatif	95.1000	46.55118	.401	-47.4469	237.6469
	5 menit	-7.4330	46.55118	1.000	-149.9799	135.1139
	10 menit	-201.4000	46.55118	.001	-343.9469	-58.8531
	20 menit	-119.6330	46.55118	.156	-262.1799	22.9139
	5 menit ginkgo	13.4000	46.55118	1.000	-129.1469	155.9469
	20 menit ginkgo	-49.9998	49.37498	.949	-201.1936	101.1941
20 menit ginkgo	Kontrol negatif	145.0998	49.37498	.068	-6.0941	296.2936
	5 menit	42.5667	49.37498	.977	-108.6271	193.7606
	10 menit	-151.4003	49.37498	.049	-302.5941	-2.2064
	20 menit	-69.6332	49.37498	.794	-220.8271	81.5606
	5 menit ginkgo	63.3998	49.37498	.856	-87.7941	214.5936
	10 menit ginkgo	49.9998	49.37498	.949	-101.1941	201.1936

Based on observed means.

The error term is Mean Square(Error) = 10835.062.

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

Multiple Comparisons

berat_badan

Tukey HSD

(I) kelompok (J) kelompok		Mean Differenc e (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
K-	5m	.0400	.59726	1.000	-1.8779	1.9579
	10m	-.5200	.59726	.974	-2.4379	1.3979
	20m	.4800	.59726	.982	-1.4379	2.3979
	5m ginkgo	3.8000 [*]	.59726	.000	1.8821	5.7179
	10m ginkgo	3.6400 [*]	.59726	.000	1.7221	5.5579
	20m ginkgo	7.6200 [*]	.59726	.000	5.7021	9.5379
5m	K-	-.0400	.59726	1.000	-1.9579	1.8779
	10m	-.5600	.59726	.962	-2.4779	1.3579
	20m	.4400	.59726	.989	-1.4779	2.3579
	5m ginkgo	3.7600 [*]	.59726	.000	1.8421	5.6779
	10m ginkgo	3.6000 [*]	.59726	.000	1.6821	5.5179
	20m ginkgo	7.5800 [*]	.59726	.000	5.6621	9.4979
10m	K-	.5200	.59726	.974	-1.3979	2.4379
	5m	.5600	.59726	.962	-1.3579	2.4779

	20m	1.0000	.59726	.638	-.9179	2.9179
	5m ginkgo	4.3200 [*]	.59726	.000	2.4021	6.2379
	10m ginkgo	4.1600 [*]	.59726	.000	2.2421	6.0779
	20m ginkgo	8.1400 [*]	.59726	.000	6.2221	10.0579
20m	K-	-.4800	.59726	.982	-2.3979	1.4379
	5m	-.4400	.59726	.989	-2.3579	1.4779
	10m	-1.0000	.59726	.638	-2.9179	.9179
	5m ginkgo	3.3200 [*]	.59726	.000	1.4021	5.2379
	10m ginkgo	3.1600 [*]	.59726	.000	1.2421	5.0779
	20m ginkgo	7.1400 [*]	.59726	.000	5.2221	9.0579
5m ginkgo	K-	-3.8000 [*]	.59726	.000	-5.7179	-1.8821
	5m	-3.7600 [*]	.59726	.000	-5.6779	-1.8421
	10m	-4.3200 [*]	.59726	.000	-6.2379	-2.4021
	20m	-3.3200 [*]	.59726	.000	-5.2379	-1.4021
	10m ginkgo	-.1600	.59726	1.000	-2.0779	1.7579
	20m ginkgo	3.8200 [*]	.59726	.000	1.9021	5.7379
10m ginkgo	K-	-3.6400 [*]	.59726	.000	-5.5579	-1.7221
	5m	-3.6000 [*]	.59726	.000	-5.5179	-1.6821
	10m	-4.1600 [*]	.59726	.000	-6.0779	-2.2421
	20m	-3.1600 [*]	.59726	.000	-5.0779	-1.2421
	5m ginkgo	.1600	.59726	1.000	-1.7579	2.0779
	20m ginkgo	3.9800 [*]	.59726	.000	2.0621	5.8979
20m ginkgo	K-	-7.6200 [*]	.59726	.000	-9.5379	-5.7021

5m	-7.5800*	.59726	.000	-9.4979	-5.6621
10m	-8.1400*	.59726	.000	-10.0579	-6.2221
20m	-7.1400*	.59726	.000	-9.0579	-5.2221
5m ginkgo	-3.8200*	.59726	.000	-5.7379	-1.9021
10m ginkgo	-3.9800*	.59726	.000	-5.8979	-2.0621

Based on observed means.

The error term is Mean Square(Error) = .892.

*. The mean difference is significant at the .05 level.

Multiple Comparisons

berat_badan

Tukey HSD

(I) minggu	(J) minggu	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
minggu 0	minggu 1	.1714	.50478	.997	-1.3157	1.6585
	minggu 2	1.3714	.50478	.081	-.1157	2.8585
	minggu 3	1.7429 ^a	.50478	.016	.2558	3.2300
	minggu 4	2.5571 ^a	.50478	.000	1.0700	4.0442
minggu 1	minggu 0	-.1714	.50478	.997	-1.6585	1.3157
	minggu 2	1.2000	.50478	.156	-.2871	2.6871
	minggu 3	1.5714 ^a	.50478	.035	.0843	3.0585
	minggu 4	2.3857 ^a	.50478	.001	.8986	3.8728
minggu 2	minggu 0	-1.3714	.50478	.081	-2.8585	.1157
	minggu 1	-1.2000	.50478	.156	-2.6871	.2871
	minggu 3	.3714	.50478	.946	-1.1157	1.8585
	minggu 4	1.1857	.50478	.164	-.3014	2.6728
minggu 3	minggu 0	-1.7429 ^a	.50478	.016	-3.2300	-.2558
	minggu 1	-1.5714 ^a	.50478	.035	-3.0585	-.0843
	minggu 2	-.3714	.50478	.946	-1.8585	1.1157
	minggu 4	.8143	.50478	.504	-.6728	2.3014
minggu 4	minggu 0	-2.5571 ^a	.50478	.000	-4.0442	-1.0700
	minggu 1	-2.3857 ^a	.50478	.001	-3.8728	-.8986

minggu 2	-1.1857	.50478	.164	-2.6728	.3014
minggu 3	-.8143	.50478	.504	-2.3014	.6728

Based on observed means.

The error term is Mean Square(Error) = .892.

*. The mean difference is significant at the .05 level.

