

## LAMPIRAN

## Lampiran 1. Surat Kelayakan Etik Penelitian



KOMISI ETIK PENELITIAN KESEHATAN  
FAKULTAS KEDOKTERAN UNIVERSITAS BRAWIJAYA

KETERANGAN KELAIKAN ETIK  
("ETHICAL CLEARANCE")

No. 260/EC/KEPK - S1- PD / 06 / 2013

Setelah Tim Etik Penelitian Mahasiswa Fakultas Kedokteran Universitas Brawijaya mempelajari dengan seksama rancangan penelitian yang diusulkan :

Judul : Efektivitas Ekstrak Paprika (*Capsicum annuum*) Sebagai Antiperik Terhadap Tikus Putih (*Rattus norvegicus*)

Peneliti : Dewa Gede Sudiarmika

NIM : 105070103121005

Unit / Lembaga : Program Studi Pendidikan Dokter Fakultas Kedokteran Universitas Brawijaya Malang

Tempat Penelitian : Laboratorium Farmakologi Fakultas Kedokteran Universitas Brawijaya Malang

Maka dengan ini menyatakan bahwa penelitian tersebut telah memenuhi syarat atau laik etik.

Malang,

17 4 JUN 2013

An. Ketua  
Koordinator Divisi I

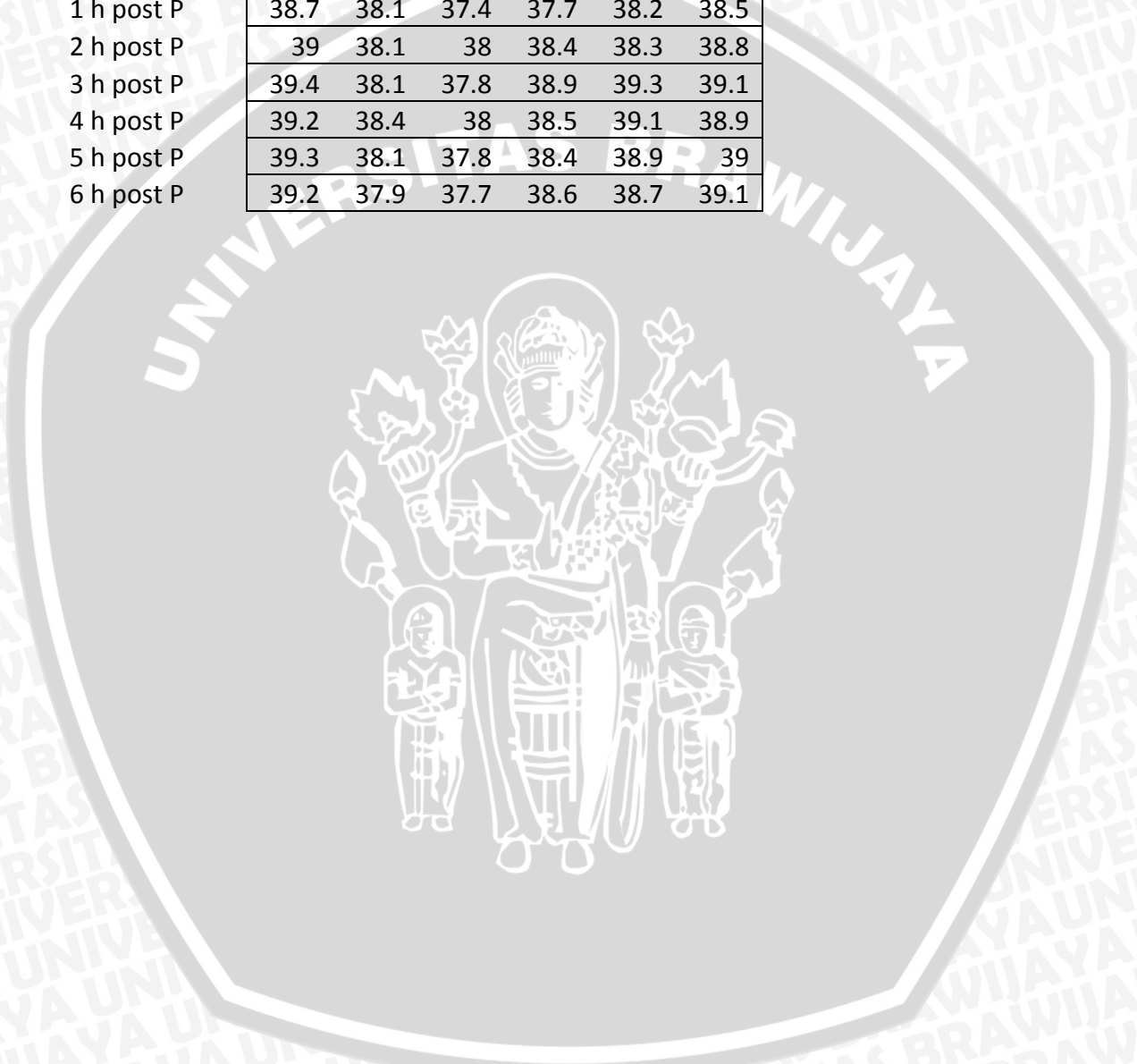
Prof. Dr. dr. Teguh W. Sardjono, DTM&H, MSc, SpParK  
NIP. 19520410 198002 1 001

**NB : Diwajibkan Mengumpulkan Laporan Akhir Penelitian dalam Bentuk Jurnal**

**Lampiran 2.** Rincian Hasil Pengukuran Temperatur Rektal Tikus Masing-masing Kelompok Setiap Jam

	K (-)					
pra yeast	37.5	37.7	38	38.4	39.2	38.3
4 h post yeast	38.8	38.3	38.5	38.8	39.5	38.6
0 h post P	38.8	38.3	38.5	38.8	39.5	38.6
1 h post P	38.7	38.6	38.8	39.2	40	38.2
2 h post P	38.1	38.6	38.5	39	39.5	38.5
3 h post P	38.7	38.6	38.6	38.3	39.1	38.2
4 h post P	38.1	38.5	39.1	39.1	39.3	38.9
5 h post P	38	38.2	38.6	38.6	39.4	39
6 h post P	38	38.4	38.5	38.8	39.5	39.3
	K (+)					
pra yeast	37.3	38.2	38.1	38.7	37.9	37.7
4 h post yeast	38.1	38.7	38.7	38.5	38.8	38.8
0 h post P	38.1	38.7	38.7	38.5	38.8	38.8
1 h post P	37.4	38.2	38.3	38.6	38.7	38.5
2 h post P	37.7	38.8	38.3	38.7	38.6	38.7
3 h post P	38	38.6	38.7	39.3	38.6	38.7
4 h post P	37.2	38.4	39	38.6	38.3	38.4
5 h post P	37.2	38.3	38.7	38.7	38.1	38.6
6 h post P	37.3	38	38.9	38.3	37.7	38.7
	P (1)					
pra yeast	37.7	37.3	38.3	37.8	38	38
4 h post yeast	38.8	37.7	38.3	38.5	38.7	38.4
0 h post P	38.8	37.7	38.3	38.5	38.7	38.4
1 h post P	38.6	37.3	38.1	38.6	38.7	38.9
2 h post P	38.9	38.2	39.2	38.9	38.8	38.6
3 h post P	39	38.3	38.9	39	39.3	38.8
4 h post P	38.9	38.2	39.1	38.9	39	38.8
5 h post P	39	38.4	38.9	37	38.7	38.5
6 h post P	38.8	38.3	39	37.2	38.8	38.6
	P (2)					
pra yeast	38.1	37.9	37.9	37.7	37.3	37.9
4 h post yeast	38.8	38.8	38.3	38.5	38.5	37.8
0 h post P	38.8	38.8	38.3	38.5	38.5	37.8
1 h post P	38.3	38.7	38.1	38.7	38.7	38
2 h post P	39.1	38.9	38.4	38.9	39	38.3
3 h post P	39.2	39.1	38.5	39.1	38.6	38.6
4 h post P	39.1	39	38.7	38.9	38.6	38.2

5 h post P	38.6	38.9	37.9	38.8	38.6	38.5
6 h post P	38.5	39	38.1	38.6	38.3	38.3
	P (3)					
pra yeast	38.4	38.2	37.5	37.1	39	38.4
4 h post yeast	38.7	38	37.9	37.6	39.2	39.2
0 h post P	38.7	38	37.9	37.6	39.2	39.2
1 h post P	38.7	38.1	37.4	37.7	38.2	38.5
2 h post P	39	38.1	38	38.4	38.3	38.8
3 h post P	39.4	38.1	37.8	38.9	39.3	39.1
4 h post P	39.2	38.4	38	38.5	39.1	38.9
5 h post P	39.3	38.1	37.8	38.4	38.9	39
6 h post P	39.2	37.9	37.7	38.6	38.7	39.1





**Lampiran 3.** Hasil Uji Normalitas Terhadap Hasil Pengukuran Temperatur Rektal Tikus Setiap Jam

**One-Sample Kolmogorov-Smirnov Test**

		Temperatur Post Perlakuan jam ke-0	Temperatur Post Perlakuan jam ke-1	Temperatur Post Perlakuan jam ke-2	Temperatur Post Perlakuan jam ke-3
N		30	30	30	30
Normal Parameters <sup>a,b</sup>	Mean	38.5267	38.4167	38.6267	38.7467
	Std. Deviation	.43938	.54715	.39735	.41501
Most Extreme Differences	Absolute	.167	.169	.102	.129
	Positive	.167	.169	.074	.078
	Negative	-.142	-.131	-.102	-.129
Kolmogorov-Smirnov Z		.914	.925	.559	.704
Asymp. Sig. (2-tailed)		.373	.359	.914	.704

a. Test distribution is Normal.

b. Calculated from data.

**One-Sample Kolmogorov-Smirnov Test**

		Temperatur Post Perlakuan jam ke-4	Temperatur Post Perlakuan jam ke-5	Temperatur Post Perlakuan jam ke-6
N		30	30	30
Normal Parameters <sup>a,b</sup>	Mean	38.6800	38.4900	38.4700
	Std. Deviation	.45516	.53970	.56026
Most Extreme Differences	Absolute	.186	.147	.114
	Positive	.111	.106	.049
	Negative	-.186	-.147	-.114
Kolmogorov-Smirnov Z		1.016	.807	.625
Asymp. Sig. (2-tailed)		.253	.532	.830

a. Test distribution is Normal.

b. Calculated from data.

**Lampiran 4.** Hasil Uji Homogenitas Varian terhadap Hasil Pengukuran Temperatur Rektal Tikus

**Levene's Test of Equality of Error Variances**

Dependent Variable: Temperatur Post Perlakuan

F	df1	df2	Sig.
.927	34	175	.589

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept+Jam1+Kelp+Jam1 \* Kelp

**Lampiran 5.** Hasil Uji Anova Terhadap Hasil Pengukuran Temperatur Rektal Tikus

**Tests of Between-Subjects Effects**

Dependent Variable: Temperatur Post Perlakuan

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	5.427 <sup>a</sup>	10	.543	2.420	.010
Intercept	312328.294	1	312328.294	1392667	.000
Jam1	2.645	6	.441	1.965	.072
Kelp	2.783	4	.696	3.102	.017
Error	44.629	199	.224		
Total	312378.350	210			
Corrected Total	50.056	209			

a. R Squared = .108 (Adjusted R Squared = .064)

**Lampiran 6.** Hasil Uji Post Hoc Tukey HSD Terhadap Hasil Pengukuran Temperatur Rektal Tikus

**Multiple Comparisons**

Dependent Variable: Temperatur Post Perlakuan  
Tukey HSD

(I) Kelompok perlakuan	(J) Kelompok perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
K (-)	K (+)	.3476*	.10552	.010	.0568	.6385
	P (1)	.1524	.10552	.600	-.1385	.4432
	P (2)	.1310	.10552	.727	-.1599	.4218
	P (3)	.2333	.10552	.180	-.0575	.5242
K (+)	K (-)	-.3476*	.10552	.010	-.6385	-.0568
	P (1)	-.1952	.10552	.348	-.4861	.0956
	P (2)	-.2167	.10552	.245	-.5075	.0742
	P (3)	-.1143	.10552	.815	-.4051	.1766
P (1)	K (-)	-.1524	.10552	.600	-.4432	.1385
	K (+)	.1952	.10552	.348	-.0956	.4861
	P (2)	-.0214	.10552	1.000	-.3123	.2694
	P (3)	.0810	.10552	.940	-.2099	.3718
P (2)	K (-)	-.1310	.10552	.727	-.4218	.1599
	K (+)	.2167	.10552	.245	-.0742	.5075
	P (1)	.0214	.10552	1.000	-.2694	.3123
	P (3)	.1024	.10552	.868	-.1885	.3932
P (3)	K (-)	-.2333	.10552	.180	-.5242	.0575
	K (+)	.1143	.10552	.815	-.1766	.4051
	P (1)	-.0810	.10552	.940	-.3718	.2099
	P (2)	-.1024	.10552	.868	-.3932	.1885

Based on observed means.

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

Nilai signifikansi (p)<0.05=ada



**Lampiran 7.** Hasil Uji Homogeneous Subsets Terhadap Hasil Pengukuran Temperatur Rektal Tikus

**Temperatur Post Perlakuan**

Tukey HSD<sup>a,b</sup>

Kelompok perlakuan	N	Subset	
		1	2
K (+)	42	38.3905	
P (3)	42	38.5048	38.5048
P (1)	42	38.5857	38.5857
P (2)	42	38.6071	38.6071
K (-)	42		38.7381
Sig.		.245	.180

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = .234.

a. Uses Harmonic Mean Sample Size = 42.000.

b. Alpha = .05.

**Lampiran 8.** Hasil Uji Korelasi Terhadap Hasil Pengukuran Temperatur Rektal Tikus Setiap Jam

**Correlations**

		Temperatur Post Perlakuan	Jam pengamatan	Dosis
Pearson Correlation	Temperatur Post Perlakuan	1.000	.021	.057
	Jam pengamatan	.021	1.000	.000
	Dosis	.057	.000	1.000
Sig. (1-tailed)	Temperatur Post Perlakuan	.	.391	.230
	Jam pengamatan	.391	.	.500
	Dosis	.230	.500	.
N	Temperatur Post Perlakuan	168	168	168
	Jam pengamatan	168	168	168
	Dosis	168	168	168



**Lampiran 9.** Hasil Uji Regresi Terhadap Hasil Pengukuran Temperatur Rektal Tikus Setiap Jam

**Model Summary**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.061 <sup>a</sup>	.004	-.008	.48903

a. Predictors: (Constant), Dosis, Jam pengamatan

**ANOVA<sup>b</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.149	2	.074	.311	.733 <sup>a</sup>
	Residual	39.460	165	.239		
	Total	39.609	167			

a. Predictors: (Constant), Dosis, Jam pengamatan

b. Dependent Variable: Temperatur Post Perlakuan

**Coefficients<sup>a</sup>**

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	38.473	.081		472.883	.000
	Jam pengamatan	.005	.019	.021	.276	.783
	Dosis	.038	.051	.057	.739	.461

a. Dependent Variable: Temperatur Post Perlakuan