

Lampiran 1

Komposisi IL-6 ELISA Kit

<b>Component</b>	<b>Description</b>	<b>Amount</b>
Pre-Coated 96 well ELISA microplate	Antigen-affinity purified Mouse anti-Rat IL-6 pre-coated 96 well Plate	1 Plate
Detection Antibody (Lyophilized)	Biotinylated antigen-affinity purified Goat anti-Rat IL-6	2 EA
Standard Protein (Lyophilized)	Recombinant Rat IL-6	2 EA
Color Development Enzyme	Streptavidin-HRP conjugate (600 µl)	1 EA
Assay Diluent	1 % BSA in PBS (50 ml)	1 EA
Color Development Reagent A	TMB Solution (10 ml)	1 EA
Color Development Reagent A	Substrate (H <sub>2</sub> O <sub>2</sub> ) Solution (20 ml)	1 EA
Stop Solution	2M H <sub>2</sub> SO <sub>4</sub> (10 ml)	1 EA
PBS powder	Pouch for 1 L	1 EA
Tween-20 (50 %)	1 ml	1 EA
Plate Sealer		3 EA

Lampiran 2

Hasil Penelitian

1. Hasil Uji Normalitas Kadar IL-6 Serum

	Kolmogorov-Smirnov <sup>a</sup>		
	Statistic	df	Sig.
Dosis	.143	20	.200*
IL-6	.180	20	.089

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

a. Lilliefors Significance Correction

2. Hasil Uji Homogenitas Kadar IL-6 Serum

Test of Homogeneity of Variances

IL-6

Levene Statistic	df1	df2	Sig.
.765	3	16	.530

3. Hasil Uji OneWay ANOVA Kadar IL-6 Serum

Oneway

Descriptives

IL-6

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Negatif	5	540.0000	176.57859	78.96835	320.7487	759.2513	324.00	734.00
P1	5	556.0000	454.27965	203.16004	-8.0627	1120.0627	104.00	1054.00
P2	5	996.0000	393.72579	176.07953	507.1249	1484.8751	574.00	1434.00
P3	5	1244.0000	223.94196	100.14989	965.9393	1522.0607	984.00	1554.00
Total	20	834.0000	432.93369	96.80692	631.3808	1036.6192	104.00	1554.00

ANOVA

IL-6

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1790320	3	596773.333	5.392	.009
Within Groups	1770880	16	110680.000		
Total	3561200	19			



#### 4. Hasil Post Hoc Tests Kadar IL-6 Serum

##### Multiple Comparisons

Dependent Variable: IL-6

Tukey HSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Negatif	P1	-16.00000	210.40913	1.000	-617.9847	585.9847
	P2	-456.00000	210.40913	.175	-1057.9847	145.9847
	P3	-704.00000*	210.40913	.019	-1305.9847	-102.0153
P1	Negatif	16.00000	210.40913	1.000	-585.9847	617.9847
	P2	-440.00000	210.40913	.198	-1041.9847	161.9847
	P3	-688.00000*	210.40913	.022	-1289.9847	-86.0153
P2	Negatif	456.00000	210.40913	.175	-145.9847	1057.9847
	P1	440.00000	210.40913	.198	-161.9847	1041.9847
	P3	-248.00000	210.40913	.648	-849.9847	353.9847
P3	Negatif	704.00000*	210.40913	.019	102.0153	1305.9847
	P1	688.00000*	210.40913	.022	86.0153	1289.9847
	P2	248.00000	210.40913	.648	-353.9847	849.9847

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

#### 5. Hasil Uji Homogenitas Tukey HSD Kadar IL-6 Serum

##### IL-6

Tukey HSD<sup>a</sup>

Kelompok	N	Subset for alpha = .05	
		1	2
Negatif	5	540.0000	
P1	5	556.0000	
P2	5	996.0000	996.0000
P3	5		1244.0000
Sig.		.175	.648

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

### 6. Hasil Uji Korelasi Kadar IL-6 Serum

Correlations

		Dosis	IL-6
Dosis	Pearson Correlation	1	.595**
	Sig. (2-tailed)	.	.006
	N	20	20
IL-6	Pearson Correlation	.595**	1
	Sig. (2-tailed)	.006	.
	N	20	20

\*\* . Correlation is significant at the 0.01 level

### 7. Hasil Uji Regresi Kadar IL-6 Serum

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.595 <sup>a</sup>	.354	.318	357.50332

a. Predictors: (Constant), Dosis

ANOVA<sup>b</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1260645	1	1260644.832	9.864	.006 <sup>a</sup>
	Residual	2300555	18	127808.620		
	Total	3561200	19			

a. Predictors: (Constant), Dosis

b. Dependent Variable: IL-6

### Lampiran 3

### Dokumentasi Kegiatan



Penggantian sekam dan pemberian makan tikus di lab. Fisiologi FKUB



Tikus penelitian di Lab. Fisiologi FKUB

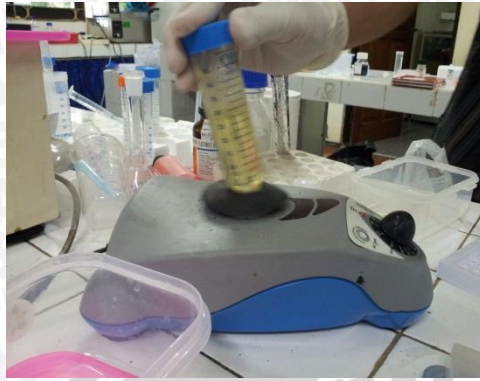
Tikus betina dan anaknya setelah lahir



Minyak zaitun dan Endosulfan



Pembuatan sonde endosulfan



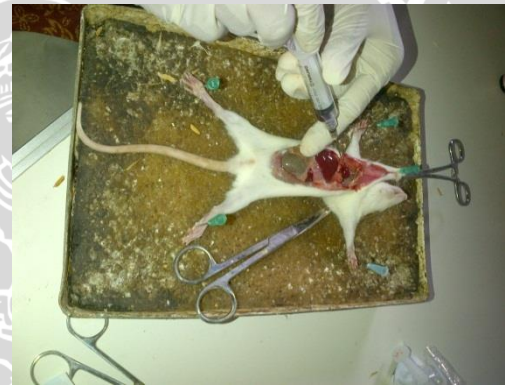
**Proses pencampuran endosulfan dan minyak zaitun**



**Pemberian endosulfan pada tikus secara oral**



**Euthanasia pada tikus yang akan dibedah menggunakan ketamin**



**Pengambilan serum darah pada tikus**



**Serum tikus yang telah diambil**



**Peletakan serum darah pada tabung ependorf**

Lampiran 4

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**PERNYATAAN KEASLIAN TULISAN**

Saya yang bertanda tangan di bawah ini:

Nama : Febri Ariadi

NIM : 105070106111014

Program Studi : Pendidikan Dokter

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

Malang, 10 Maret 2014

Yang membuat pernyataan,

Febri Ariadi  
NIM. 105070106111014