

**L**

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## Lampiran 1. Surat Determinasi Tanaman



### UPT-LABORATORIUM

Jl. Letjen Sutoyo, Mojosongo-Solo 57127 Telp. 0271-852518, Fax. 0271-853275

Nomor : 238/DET/UPT-LAB/25.05.2021

Hal : Hasil determinasi tumbuhan

Lamp. : -

Nama Pemesan : Sukma Ayu Narima Putri

NIM : 23175075A

Alamat : Program Studi S1 Farmasi,  
Universitas Setia Budi, Surakarta

Nama sampel : Bawang Dayak/*Eleutherine americana* Merr.

### HASIL DETERMINASI TUMBUHAN

#### **Klasifikasi**

Kingdom : Plantae

Super Divisi : Spermatophyta

Divisi : Magnoliophyta

Kelas : Magnoliopsida

Ordo : Liliales

Famili : Iridaceae

Genus : Eleutherine

Species : *Eleutherine americana* Merr/*Eleutherine palmifolia* Merr.

Hasil Determinasi menurut Steenis, C.G.G.J.V, Bloembergen, H, Eyma, P.J. 1992 :

1b - 2b - 3b - 4b - 6b - 7b - 9b - 10b - 11a - Golongan 5. Monocotyledoneae.

67b - 69b - 70b - 71b - 72b - 73b - 76b - 77b - 79a - 80a - 30. Familia. Iridaceae.

1b - 3b - 4a - 5a - 9. Genus Eleutherine. 1. *Eleutherine americana* Merr/ *Eleutherine palmifolia* Merr.

Deskripsi :

Habitus : Semak, berumpun, tinggi 26 – 50 cm.

Akar : Akar serabut.

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Homepage : [www.setiabudi.ac.id](http://www.setiabudi.ac.id), e-mail : [Info@setiabudi.ac.id](mailto:Info@setiabudi.ac.id)

- Batang : Batang tumbuh tegak atau merunduk, basah dan berumbi. Umbi berbentuk bulat telur memanjang dan berwarna merah menyala dengan permukaan yang sangat licin, tidak berbau.
- Daun : Daun tunggal, letak berhadapan, warna hijau muda, bentuk pita, pangkal daun runcing (acute), ujung meruncing (acicular), tepi daun rata, permukaan atas dan bawah halus (glabrous), tulang daun sejajar.
- Bunga : Bunga tunggal berwarna putih, terdapat pada ketiak-ketiak daun atas, dalam rumpun-rumpun bunga yang terdiri dari 4-10 bunga, mekar jam 5-7 sore.

Surakarta, 25 Mei 2021

Kepala UPT-LAB

Universitas SetiaBudi



Asik Gunawan, Amdk

Penanggung jawab

Determinasi Tumbuhan

A handwritten signature in black ink, appearing to read "Dra. Dewi Sulistyawati".

Dra. Dewi Sulistyawati. M.Sc.

## Lampiran 2. Surat Ethical Clearance

3/8/2021

KEPK-RSDM



**HEALTH RESEARCH ETHICS COMMITTEE  
KOMISI ETIK PENELITIAN KESEHATAN**

**Dr. Moewardi General Hospital  
RSUD Dr. Moewardi**

**ETHICAL CLEARANCE  
KELAIKAN ETIK**

**Nomor : 232 / II / HREC / 2021**

*The Health Research Ethics Committee Dr. Moewardi*

Komisi Etik Penelitian Kesehatan RSUD Dr. Moewardi

*after reviewing the proposal design, herewith to certify*  
setelah menilai rancangan penelitian yang diusulkan, dengan ini menyatakan

*That the research proposal with topic :*  
Bawa usulan penelitian dengan judul

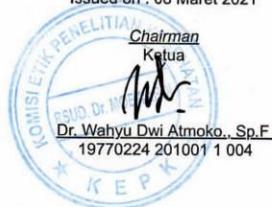
**UJI EFEK LAKTAGOGUM EKSTRAK ETANOL UMBI BAWANG DAYAK (Eleutherine americana Merr.) TERHADAP TIKUS  
MENYUSUI DENGAN PARAMETER BERAT BADAN ANAK TIKUS**

*Principal investigator* : Sukma Ayu Narima Putri  
Peneliti Utama  
23175075A

*Location of research* : Universitas Setia Budi  
Lokasi Tempat Penelitian

*Is ethically approved*  
Dinyatakan layak etik

Issued on : 08 Maret 2021



### Lampiran 3. Surat Kebenaran Hewan Uji

**"ABIMANYU FARM"**

✓ Mencit putih jantan    ✓ Tikus Wistar    ✓ Swis Webster    ✓ Cacing

✓ Mencit Balb/C    ✓ Kelinci New Zealand

Ngampon RT 04 / RW 04. Mojosongo Kec. Jebres Surakarta. Phone 085 629 994 33 / Lab USB Ska

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Yang bertanda tangan di bawah ini:

Nama : Sigit Pramono

Selaku pengelola Abimanyu Farm, menerangkan bahwa hewan uji yang digunakan untuk penelitian, oleh:

Nama : Sukma Ayu Narima Putri

NIM : 23175075A

Institusi : Universitas Setia Budi Surakarta

Merupakan hewan uji dengan spesifikasi sebagai berikut:

Jenis hewan : Tikus Wistar

Umur : 5-6 bulan

Jumlah : 30 ekor

Jenis kelamin : Betina

Keterangan : Sehat

Asal-usul : Unit Pengembangan Hewan Percobaan UGM Yogyakarta

Yang pengembangan dan pengelolaannya disesuaikan standar baku penelitian. Demikian surat keterangan ini dibuat untuk digunakan sebagaimana mestinya.

Surakarta, 13 Juni 2021

Hormat kami



Sigit Pramono

"ABIMANYU FARM"

**Lampiran 4. Pengambilan sampel, pengeringan, pembuatan serbuk umbi bawang dayak**



Tanaman bawang dayak



Sortasi Basah



Pencucian



Perajangan



Penjemuran



Penyerbukan dengan blender



Pengayakan serbuk

**Lampiran 5. Pehitungan rendemen berat kering terhadap berat umbi basah**

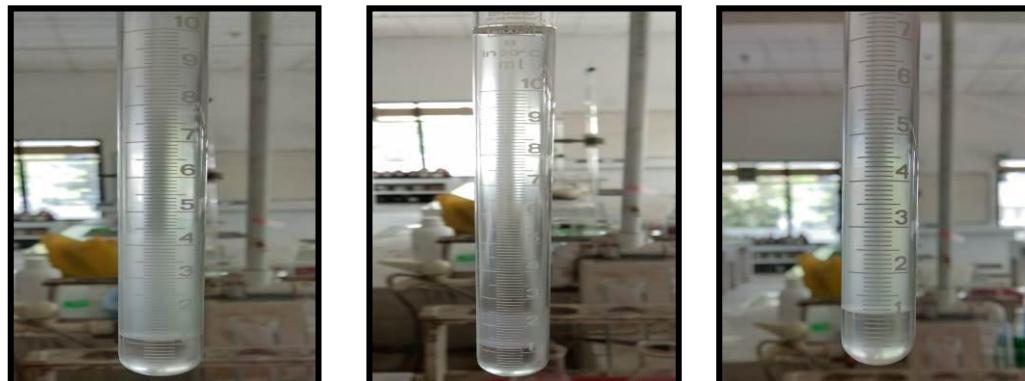
Berat basah (gram)	Berat kering (gram)	Rendemen (%)
6000	3260	54,3

$$\begin{aligned}\% \text{ rendemen} &= \frac{\text{bobot kering (gram)}}{\text{bobot basah (gram)}} \times 100\% \\ &= \frac{3260 \text{ gram}}{6000 \text{ gram}} \times 100\% \\ &= 54,3\%\end{aligned}$$

Berat umbi kering (gram)	Berat serbuk (gram)	Rendemen (%)
3260	2545	78,06

$$\begin{aligned}\% \text{ rendemen} &= \frac{\text{bobot serbuk (gram)}}{\text{bobot umbi kering (gram)}} \times 100\% \\ &= \frac{2545 \text{ gram}}{3260 \text{ gram}} \times 100\% \\ &= 78,06\%\end{aligned}$$

**Lampiran 6. Penetapan dan perhitungan kadar air serbuk umbi bawang dayak**



Replikasi I

Replikasi II

Replikasi III

No.	Penimbangan (gram)	Volume akhir (mL)	Kadar air (%v/b)
1.	20	1,1	5,5
2.	20	1,2	6
3.	20	1,1	5,5
Rata-rata±SD			5,6±0,23

Perhitungan :

$$\% \text{ kadar air} = \frac{\text{volume air (ml)}}{\text{bobot serbuk (gram)}} \times 100\%$$

$$\text{Replikasi I} = \frac{1,1 \text{ ml}}{20 \text{ gram}} \times 100\%$$

$$= 5,5 \%$$

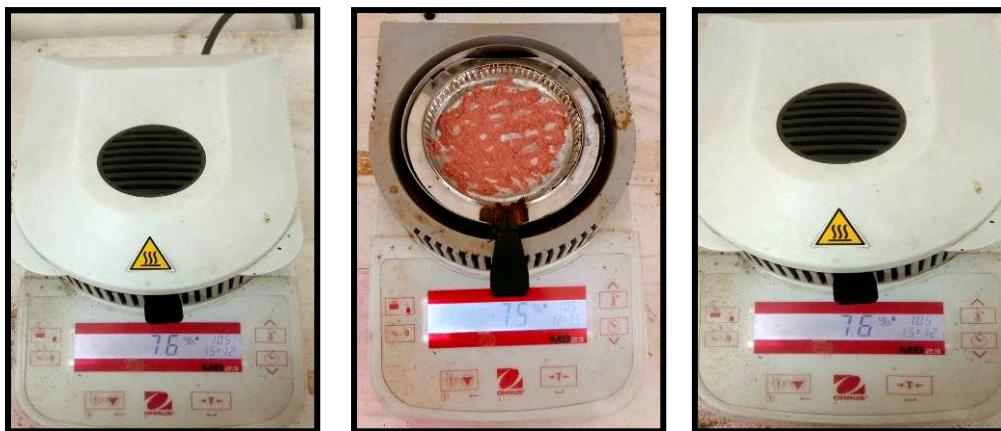
$$\text{Replikasi II} = \frac{1,2 \text{ ml}}{20 \text{ gram}} \times 100\%$$

$$= 6 \%$$

$$\text{Replikasi III} = \frac{1,1 \text{ ml}}{20 \text{ gram}} \times 100\%$$

$$= 5,5\%$$

**Lampiran 7. Penetapan dan perhitungan susut pengeringan serbuk umbi bawang dayak**



Replikasi I

Replikasi II

Replikasi III

Replikasi	Bobot awal (gram)	Susut pengeringan (%)
1	2	7,6
2	2	7,5
3	2	7,6
Rata-rata±SD		7,56±0,04

Hasil rata-rata penentuan susut pengeringan serbuk umbi bawang dayak adalah 7,56%

**Lampiran 8. Pembuatan dan perhitungan ekstrak etanol umbi bawang dayak**



Pembuatan ekstrak



Evaporator



Ekstrak etanol umbi bawang dayak

Berat serbuk (gram)	Berat cawan kosong	Berat cawan + ekstrak (gram)	Hasil ekstrak kental (gram)	Rendemen (%)
500	165,86	295,80	129,94	25,98%

$$\begin{aligned}\% \text{ rendemen} &= \frac{\text{bobot ekstrak (gram)}}{\text{bobot serbuk (gram)}} \times 100\% \\ &= \frac{129.94 \text{ gram}}{500 \text{ gram}} \times 100\% \\ &= 25,98 \%\end{aligned}$$

**Lampiran 9. Identifikasi kandungan senyawa ekstrak umbi bawang dayak secara kualitatif (uji tabung)**



Steroid (+)



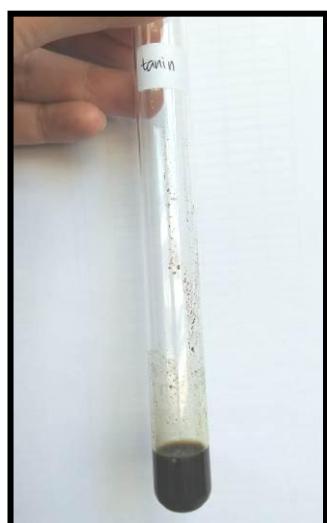
Flavonoid (+)



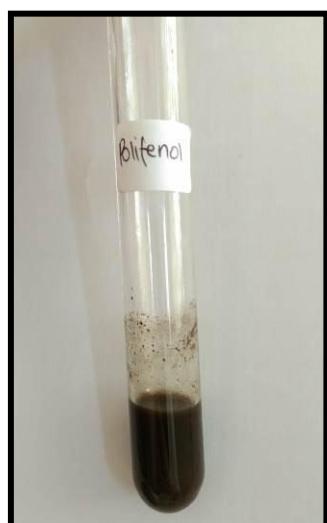
Saponin (+)



Alkaloid (+)

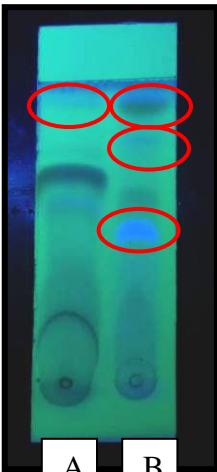
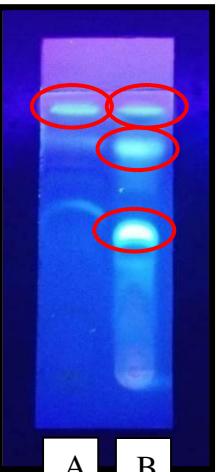
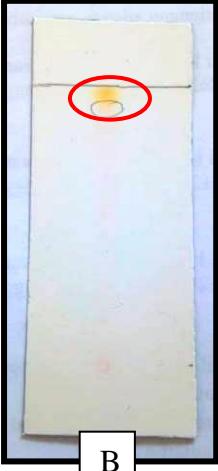
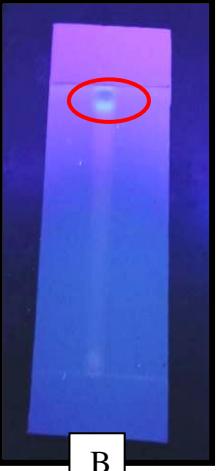


Tanin (+)

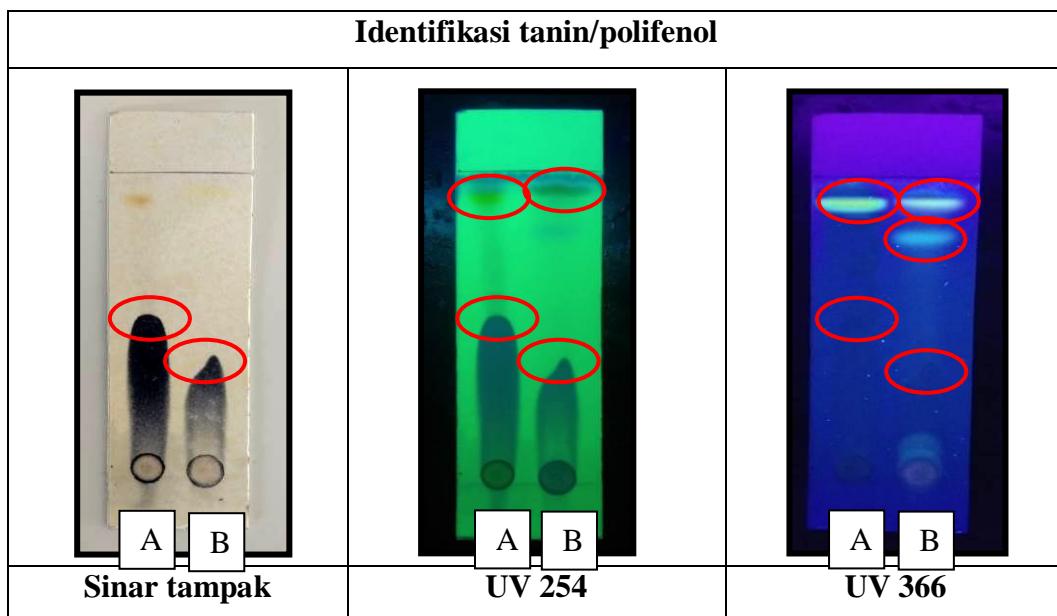


Polifenol (+)

**Lampiran 10. Identifikasi kandungan senyawa ekstrak umbi bawang dayak secara kuantitatif (KLT)**

<b>Identifikasi flavonoid</b>		
		
Sinar tampak	UV 254	UV 366
<b>Identifikasi steroid/terpenoid</b>		
		
Sinar tampak	UV 254	UV 366

**Keterangan :** A ( Baku Pembanding )  
B ( Sampel )



**Keterangan :** A ( Baku Pembanding )

B ( Sampel )

Perhitungan Rf :

$$Rf = \frac{\text{jarak bercak dari titik awal penotolan sampai batas elusi}}{\text{jarak tempuh fase gerak sampai elusi}}$$

### 1. Flavonoid

A. Baku pembanding

$$Rf 1 = \frac{4,7}{5} = 0,94$$

B. Sampel

$$Rf 1 = \frac{4,7}{5} = 0,94$$

$$Rf 2 = \frac{4}{5} = 0,8$$

$$Rf 3 = \frac{2,5}{5} = 0,6$$

**2. Steroid**

A. Sampel

$$Rf = \frac{4,4}{5} = 0,88$$

**3. Tanin**

A. Baku Pembanding

$$Rf = \frac{4,6}{5} = 0,92$$

B. Sampel

$$Rf 1 = \frac{4,6}{5} = 0,92$$

$$Rf 2 = \frac{4}{5} = 0,8$$

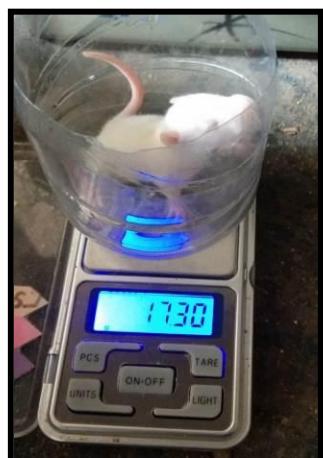
**Lampiran 11. Perlakuan terhadap hewan uji dan penimbangan berat badan anak tikus**



Induk tikus dan anak tikus



Perlakuan oral terhadap induk tikus



Penimbangan anak tikus



Alat timbangan miligram

## Lampiran 12. Perhitungan dosis dan volume pemberian

### 1. Perhitungan Volume Pemberian

#### 1. Larutan Na CMC 0,5%

- Larutan stock Na CMC 0,5% dibuat 100 mL

$$= \frac{100}{100} \times 500 \text{ mg}$$

$$= 500 \text{ mg / 100 ml aquadest}$$

$$= 0,5 \text{ gram / 100 ml aquadest}$$

- Konsentrasi Na CMC 0,5%

$$= 0,5 \text{ gram / 100 mL aquadest}$$

$$= 500 \text{ mg / 100 mL aquadest}$$

$$= 5 \text{ mg/mL}$$

- Volume pemberian untuk tikus 200 gram

$$= \frac{200}{1000} \times 5 \text{ mg}$$

$$= 1 \text{ mL}$$

#### 2. Asifit

- Dosis manusia

3 x sehari 1-2 kapsul (tiap kapsul mengandung 754 mg)

- Konversi manusia (70 kg) ke tikus (200 mg) = 0,018 mg

Pemakaian 1x = 1 x 754 mg = 754 mg

$$= 0,018 \times 754 / 70 \text{ kg BB manusia}$$

$$= 13,572 / 200 \text{ gram BB tikus}$$

$$= 67,86 \text{ mg / kg BB tikus}$$

- Larutan stock = 1 %

- Volume pemberian untuk tikus 200 gram

$$= \frac{100}{1000} \times 13,572 \text{ mg}$$

$$= 1,36 \text{ mL / 200 gram BB tikus}$$

3. Dosis ekstrak bawang dayak

A. Dosis ekstrak 60 mg / kg BB tikus

- Dosis tikus

$$= \frac{200}{1000} \times 60 \text{ mg/kg BB tikus}$$

$$= 12 \text{ mg / 200 gram BB tikus}$$

- Larutan stock = 1 %

- Volume pemberian untuk tikus 200 gram

$$= \frac{12}{1000} \times 100 \text{ mL}$$

$$= 1,2 \text{ mL / 200 gram BB tikus}$$

B. Dosis ekstrak 90 mg/kg BB tikus

- Dosis tikus

$$= \frac{200}{1000} \times 90 \text{ mg/kg BB tikus}$$

$$= 18 \text{ mg / 200 gram BB tikus}$$

- Larutan stock = 1 %

- Volume pemberian untuk tikus 200 gram

$$= \frac{18}{1000} \times 100 \text{ mL}$$

$$= 1,8 \text{ mL / 200 gram BB tikus}$$

C. Dosis ekstrak 120 mg/kg BB tikus

- Dosis tikus

$$= \frac{200}{1000} \times 120 \text{ mg/kg BB tikus}$$

$$= 24 \text{ mg/ 200 gram BB tikus}$$

- Larutan stock = 1 %

- Volume pemberian untuk tikus 200 gram

$$= \frac{24}{1000} \times 100 \text{ mL}$$

$$= 2,4 \text{ mL / 200 gram BB tikus}$$

**Lampiran 13. Penimbangan peningkatan berat badan anak tikus**

<b>I. KELOMPOK NORMAL</b>														
<b>TIKUS</b>	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14
<b>1</b>	0.04	0.04	0.07	0.12	0.16	0.14	0.18	0.14	0.07	0.14	0.14	0.17	0.23	0.16
<b>2</b>	0.06	0.06	0.15	0.13	0.15	0.17	0.16	0.17	0.08	0.12	0.07	0.09	0.13	0.15
<b>3</b>	0.13	0.08	0.14	0.12	0.13	0.11	0.11	0.11	0.13	0.14	0.1	0.12	0.17	0.14
<b>4</b>	0.17	0.2	0.18	0.16	0.12	0.18	0.15	0.19	0.17	0.15	0.18	0.23	0.19	0.21
<b>5</b>	0.09	0.11	0.08	0.12	0.07	0.05	0.07	0.08	0.13	0.16	0.17	0.2	0.19	0.18
<b>rata-rata</b>	0.098	0.098	0.124	0.13	0.126	0.13	0.13	0.138	0.116	0.142	0.132	0.162	0.182	0.168
<b>SD</b>	0.047	0.056	0.042	0.015	0.031	0.05	0.04	0.04	0.037	0.013	0.042	0.0511	0.032	0.025

<b>II. KELOMPOK NEGATIF</b>														
<b>TIKUS</b>	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14
<b>1</b>	0.05	0.09	0.08	0.1	0.08	0.07	0.1	0.13	0.11	0.07	0.07	0.13	0.09	0.06
<b>2</b>	0.07	0.07	0.06	0.07	0.08	0.08	0.12	0.09	0.11	0.07	0.07	0.08	0.12	0.11
<b>3</b>	0.07	0.12	0.1	0.08	0.07	0.1	0.09	0.08	0.07	0.08	0.1	0.11	0.09	0.1
<b>4</b>	0.09	0.11	0.1	0.12	0.13	0.1	0.11	0.09	0.07	0.06	0.07	0.1	0.1	0.11
<b>5</b>	0.1	0.08	0.09	0.12	0.1	0.08	0.07	0.11	0.09	0.13	0.16	0.14	0.14	0.11
<b>rata-rata</b>	0.076	0.094	0.086	0.098	0.092	0.09	0.1	0.1	0.09	0.082	0.096	0.12	0.106	0.1
<b>SD</b>	0.017	0.019	0.015	0.02	0.021	0.01	0.02	0.018	0.018	0.025	0.034	0.0141	0.019	0.021

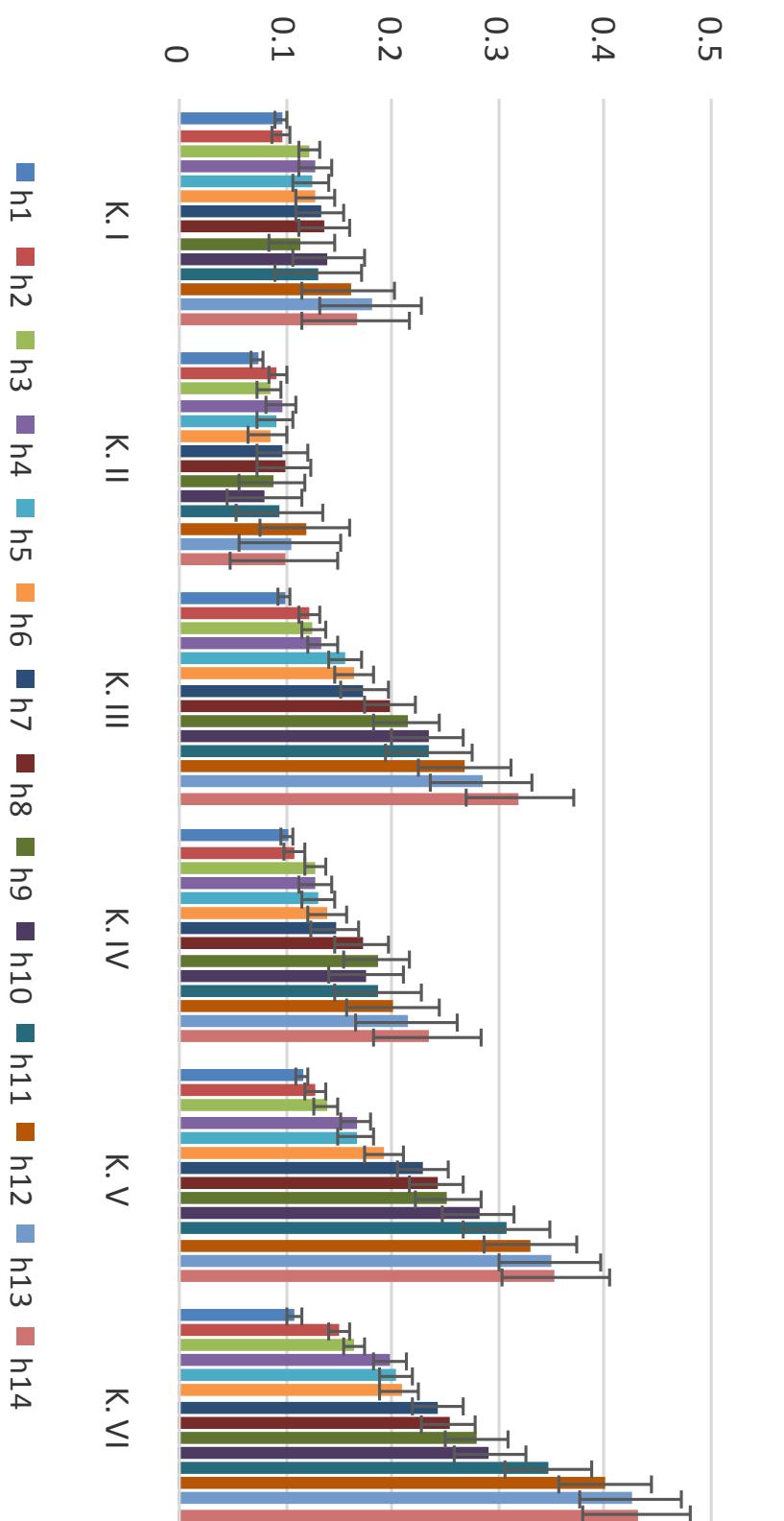
<b>III. KELOMPOK POSITIF (ASIFIT)</b>														
<b>TIKUS</b>	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14
<b>1</b>	0.1	0.13	0.14	0.18	0.23	0.2	0.21	0.23	0.23	0.21	0.26	0.29	0.34	0.39
<b>2</b>	0.13	0.12	0.16	0.12	0.14	0.18	0.19	0.21	0.24	0.28	0.26	0.29	0.31	0.34
<b>3</b>	0.11	0.13	0.1	0.13	0.14	0.17	0.17	0.18	0.22	0.27	0.25	0.28	0.28	0.32
<b>4</b>	0.09	0.15	0.13	0.14	0.16	0.18	0.17	0.21	0.21	0.25	0.23	0.27	0.28	0.31
<b>5</b>	0.07	0.09	0.11	0.11	0.12	0.1	0.14	0.17	0.18	0.17	0.19	0.22	0.22	0.25
<b>rata-rata</b>	0.1	0.124	0.128	0.136	0.158	0.17	0.18	0.2	0.216	0.236	0.238	0.27	0.286	0.322
<b>SD</b>	0.02	0.02	0.021	0.024	0.038	0.03	0.02	0.022	0.021	0.041	0.026	0.0261	0.04	0.045

<b>IV. KELOMPOK DOSIS 1 (60 MG)</b>														
<b>TIKUS</b>	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14
<b>1</b>	0.1	0.1	0.13	0.16	0.13	0.17	0.19	0.23	0.23	0.21	0.19	0.21	0.24	0.26
<b>2</b>	0.12	0.14	0.14	0.17	0.15	0.14	0.14	0.16	0.18	0.17	0.19	0.18	0.19	0.22
<b>3</b>	0.11	0.09	0.12	0.13	0.13	0.16	0.17	0.21	0.21	0.19	0.18	0.2	0.21	0.24
<b>4</b>	0.09	0.11	0.13	0.1	0.12	0.12	0.11	0.13	0.16	0.17	0.2	0.22	0.21	0.21
<b>5</b>	0.1	0.11	0.13	0.09	0.13	0.12	0.13	0.14	0.16	0.15	0.18	0.21	0.23	0.25
<b>rata-rata</b>	0.104	0.11	0.13	0.13	0.132	0.14	0.15	0.174	0.188	0.178	0.188	0.204	0.216	0.236
<b>SD</b>	0.01	0.017	0.006	0.032	0.01	0.02	0.03	0.039	0.028	0.02	0.007	0.0136	0.017	0.019

<b>V. KELOMPOK DOSIS 2 (90 MG)</b>														
<b>TIKUS</b>	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14
<b>1</b>	0.12	0.13	0.11	0.16	0.14	0.13	0.15	0.18	0.21	0.26	0.28	0.32	0.32	0.35
<b>2</b>	0.1	0.11	0.14	0.16	0.14	0.18	0.22	0.26	0.29	0.28	0.3	0.33	0.35	0.31
<b>3</b>	0.13	0.13	0.14	0.18	0.19	0.21	0.25	0.25	0.24	0.28	0.32	0.3	0.34	0.37
<b>4</b>	0.12	0.15	0.17	0.18	0.18	0.23	0.27	0.26	0.25	0.29	0.32	0.33	0.37	0.35
<b>5</b>	0.12	0.13	0.14	0.16	0.19	0.22	0.27	0.27	0.28	0.31	0.33	0.38	0.38	0.4
<b>rata-rata</b>	0.118	0.13	0.14	0.168	0.168	0.19	0.23	0.244	0.254	0.284	0.31	0.332	0.352	0.356
<b>SD</b>	0.01	0.013	0.019	0.01	0.023	0.04	0.04	0.033	0.029	0.016	0.018	0.0264	0.021	0.029

<b>VI. KELOMPOK DOSIS 3 (120 MG)</b>														
<b>TIKUS</b>	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14
<b>1</b>	0.1	0.13	0.15	0.13	0.17	0.18	0.22	0.27	0.24	0.22	0.28	0.33	0.37	0.42
<b>2</b>	0.12	0.17	0.18	0.23	0.22	0.25	0.29	0.34	0.32	0.33	0.37	0.41	0.42	0.4
<b>3</b>	0.09	0.12	0.16	0.2	0.19	0.19	0.23	0.28	0.29	0.34	0.35	0.4	0.46	0.44
<b>4</b>	0.13	0.19	0.13	0.22	0.21	0.2	0.22	0.13	0.29	0.29	0.4	0.48	0.48	0.5
<b>5</b>	0.11	0.15	0.21	0.22	0.24	0.23	0.27	0.26	0.27	0.29	0.35	0.39	0.41	0.41
<b>rata-rata</b>	0.11	0.152	0.166	0.2	0.206	0.21	0.25	0.256	0.282	0.294	0.35	0.402	0.428	0.434
<b>SD</b>	0.014	0.026	0.027	0.036	0.024	0.03	0.03	0.069	0.026	0.042	0.039	0.0479	0.039	0.036

Grafik Peningkatan Berat Badan Anak Tikus Harian



### Lampiran 14. Hasil uji statistik dengan SPSS

**Case Processing Summary**

	kelompok	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
H1	kelompok normal	5	100.0%	0	0.0%	5	100.0%
	kontrol negatif	5	100.0%	0	0.0%	5	100.0%
	kontrol positif	5	100.0%	0	0.0%	5	100.0%
	dosis 1	5	100.0%	0	0.0%	5	100.0%
	dosis 2	5	100.0%	0	0.0%	5	100.0%
	dosis 3	5	100.0%	0	0.0%	5	100.0%
H2	kelompok normal	5	100.0%	0	0.0%	5	100.0%
	kontrol negatif	5	100.0%	0	0.0%	5	100.0%
	kontrol positif	5	100.0%	0	0.0%	5	100.0%
	dosis 1	5	100.0%	0	0.0%	5	100.0%
	dosis 2	5	100.0%	0	0.0%	5	100.0%
	dosis 3	5	100.0%	0	0.0%	5	100.0%
H3	kelompok normal	5	100.0%	0	0.0%	5	100.0%
	kontrol negatif	5	100.0%	0	0.0%	5	100.0%
	kontrol positif	5	100.0%	0	0.0%	5	100.0%
	dosis 1	5	100.0%	0	0.0%	5	100.0%
	dosis 2	5	100.0%	0	0.0%	5	100.0%
	dosis 3	5	100.0%	0	0.0%	5	100.0%
H4	kelompok normal	5	100.0%	0	0.0%	5	100.0%
	kontrol negatif	5	100.0%	0	0.0%	5	100.0%
	kontrol positif	5	100.0%	0	0.0%	5	100.0%
	dosis 1	5	100.0%	0	0.0%	5	100.0%
	dosis 2	5	100.0%	0	0.0%	5	100.0%
	dosis 3	5	100.0%	0	0.0%	5	100.0%
H5	kelompok normal	5	100.0%	0	0.0%	5	100.0%
	kontrol negatif	5	100.0%	0	0.0%	5	100.0%
	kontrol positif	5	100.0%	0	0.0%	5	100.0%
	dosis 1	5	100.0%	0	0.0%	5	100.0%
	dosis 2	5	100.0%	0	0.0%	5	100.0%
	dosis 3	5	100.0%	0	0.0%	5	100.0%
H6	kelompok normal	5	100.0%	0	0.0%	5	100.0%
	kontrol negatif	5	100.0%	0	0.0%	5	100.0%
	kontrol positif	5	100.0%	0	0.0%	5	100.0%
	dosis 1	5	100.0%	0	0.0%	5	100.0%
	dosis 2	5	100.0%	0	0.0%	5	100.0%
	dosis 3	5	100.0%	0	0.0%	5	100.0%
H7	kelompok normal	5	100.0%	0	0.0%	5	100.0%
	kontrol negatif	5	100.0%	0	0.0%	5	100.0%
	kontrol positif	5	100.0%	0	0.0%	5	100.0%
	dosis 1	5	100.0%	0	0.0%	5	100.0%
	dosis 2	5	100.0%	0	0.0%	5	100.0%
	dosis 3	5	100.0%	0	0.0%	5	100.0%
H8	kelompok normal	5	100.0%	0	0.0%	5	100.0%
	kontrol negatif	5	100.0%	0	0.0%	5	100.0%
	kontrol positif	5	100.0%	0	0.0%	5	100.0%
	dosis 1	5	100.0%	0	0.0%	5	100.0%
	dosis 2	5	100.0%	0	0.0%	5	100.0%
	dosis 3	5	100.0%	0	0.0%	5	100.0%
H9	kelompok normal	5	100.0%	0	0.0%	5	100.0%
	kontrol negatif	5	100.0%	0	0.0%	5	100.0%
	kontrol positif	5	100.0%	0	0.0%	5	100.0%
	dosis 1	5	100.0%	0	0.0%	5	100.0%
	dosis 2	5	100.0%	0	0.0%	5	100.0%

	dosis 3	5	100.0%	0	0.0%	5	100.0%
	kelompok normal	5	100.0%	0	0.0%	5	100.0%
	kontrol negatif	5	100.0%	0	0.0%	5	100.0%
	kontrol positif	5	100.0%	0	0.0%	5	100.0%
H10	dosis 1	5	100.0%	0	0.0%	5	100.0%
	dosis 2	5	100.0%	0	0.0%	5	100.0%
	dosis 3	5	100.0%	0	0.0%	5	100.0%
	kelompok normal	5	100.0%	0	0.0%	5	100.0%
	kontrol negatif	5	100.0%	0	0.0%	5	100.0%
H11	kontrol positif	5	100.0%	0	0.0%	5	100.0%
	dosis 1	5	100.0%	0	0.0%	5	100.0%
	dosis 2	5	100.0%	0	0.0%	5	100.0%
	dosis 3	5	100.0%	0	0.0%	5	100.0%
	kelompok normal	5	100.0%	0	0.0%	5	100.0%
	kontrol negatif	5	100.0%	0	0.0%	5	100.0%
H12	kontrol positif	5	100.0%	0	0.0%	5	100.0%
	dosis 1	5	100.0%	0	0.0%	5	100.0%
	dosis 2	5	100.0%	0	0.0%	5	100.0%
	dosis 3	5	100.0%	0	0.0%	5	100.0%
	kelompok normal	5	100.0%	0	0.0%	5	100.0%
	kontrol negatif	5	100.0%	0	0.0%	5	100.0%
H13	kontrol positif	5	100.0%	0	0.0%	5	100.0%
	dosis 1	5	100.0%	0	0.0%	5	100.0%
	dosis 2	5	100.0%	0	0.0%	5	100.0%
	dosis 3	5	100.0%	0	0.0%	5	100.0%
	kelompok normal	5	100.0%	0	0.0%	5	100.0%
	kontrol negatif	5	100.0%	0	0.0%	5	100.0%
H14	kontrol positif	5	100.0%	0	0.0%	5	100.0%
	dosis 1	5	100.0%	0	0.0%	5	100.0%
	dosis 2	5	100.0%	0	0.0%	5	100.0%
	dosis 3	5	100.0%	0	0.0%	5	100.0%

## Normalitas

Tests of Normality

	kelompok	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
H1	kelompok normal	.165	5	.200*	.963	5	.829
	kontrol negatif	.221	5	.200*	.953	5	.758
	kontrol positif	.127	5	.200*	.999	5	1.000
	dosis 1	.237	5	.200*	.961	5	.814
	dosis 2	.372	5	.022	.828	5	.135
	dosis 3	.136	5	.200*	.987	5	.967
H2	kelompok normal	.224	5	.200*	.894	5	.379
	kontrol negatif	.180	5	.200*	.952	5	.754
	kontrol positif	.228	5	.200*	.932	5	.607
	dosis 1	.300	5	.161	.908	5	.453
	dosis 2	.300	5	.161	.883	5	.325
	dosis 3	.179	5	.200*	.962	5	.823
H3	kelompok normal	.233	5	.200*	.908	5	.457
	kontrol negatif	.201	5	.200*	.881	5	.314
	kontrol positif	.175	5	.200*	.974	5	.899
	dosis 1	.300	5	.161	.883	5	.325
	dosis 2	.300	5	.161	.883	5	.325
	dosis 3	.178	5	.200*	.981	5	.940
H4	kelompok normal	.318	5	.109	.701	5	.010

	kontrol negatif	.233	5	.200*	.884	5	.329
	kontrol positif	.241	5	.200*	.903	5	.427
	dosis 1	.202	5	.200*	.915	5	.501
	dosis 2	.367	5	.026	.684	5	.006
	dosis 3	.300	5	.161	.770	5	.045
H5	kelompok normal	.232	5	.200*	.914	5	.492
	kontrol negatif	.292	5	.188	.877	5	.294
	kontrol positif	.281	5	.200*	.834	5	.150
	dosis 1	.372	5	.022	.828	5	.135
	dosis 2	.279	5	.200*	.766	5	.041
	dosis 3	.159	5	.200*	.990	5	.980
H6	kelompok normal	.177	5	.200*	.925	5	.564
	kontrol negatif	.273	5	.200*	.852	5	.201
	kontrol positif	.341	5	.057	.801	5	.083
	dosis 1	.233	5	.200*	.884	5	.329
	dosis 2	.254	5	.200*	.889	5	.350
	dosis 3	.234	5	.200*	.928	5	.585
	kelompok normal	.242	5	.200*	.940	5	.665
H7	kontrol negatif	.141	5	.200*	.979	5	.928
	kontrol positif	.209	5	.200*	.969	5	.872
	dosis 1	.199	5	.200*	.967	5	.858
	dosis 2	.240	5	.200*	.836	5	.155
	dosis 3	.291	5	.193	.833	5	.147
	kelompok normal	.165	5	.200*	.974	5	.898
	kontrol negatif	.291	5	.191	.905	5	.440
H8	kontrol positif	.258	5	.200*	.925	5	.563
	dosis 1	.225	5	.200*	.900	5	.410
	dosis 2	.365	5	.028	.728	5	.018
	dosis 3	.321	5	.102	.879	5	.305
	kelompok normal	.234	5	.200*	.918	5	.516
H9	kontrol negatif	.241	5	.200*	.821	5	.119
	kontrol positif	.197	5	.200*	.943	5	.685
	dosis 1	.216	5	.200*	.885	5	.332
	dosis 2	.191	5	.200*	.958	5	.794
	dosis 3	.207	5	.200*	.967	5	.853
H10	kelompok normal	.246	5	.200*	.956	5	.777
	kontrol negatif	.329	5	.082	.778	5	.053
	kontrol positif	.221	5	.200*	.922	5	.544
	dosis 1	.237	5	.200*	.961	5	.814
	dosis 2	.213	5	.200*	.963	5	.826
	dosis 3	.266	5	.200*	.896	5	.389
	kelompok normal	.193	5	.200*	.933	5	.619
H11	kontrol negatif	.264	5	.200*	.786	5	.062
	kontrol positif	.258	5	.200*	.831	5	.141
	dosis 1	.231	5	.200*	.881	5	.314
	dosis 2	.291	5	.191	.905	5	.440
	dosis 3	.300	5	.161	.917	5	.512
H12	kelompok normal	.169	5	.200*	.965	5	.843
	kontrol negatif	.136	5	.200*	.987	5	.967
	kontrol positif	.300	5	.161	.776	5	.050
	dosis 1	.254	5	.200*	.914	5	.492
	dosis 2	.327	5	.086	.888	5	.346
	dosis 3	.241	5	.200*	.952	5	.749
	kelompok normal	.213	5	.200*	.963	5	.826
H13	kontrol negatif	.224	5	.200*	.842	5	.171
	kontrol positif	.246	5	.200*	.956	5	.777
	dosis 1	.221	5	.200*	.953	5	.758
	dosis 2	.175	5	.200*	.974	5	.899
	dosis 3	.173	5	.200*	.970	5	.875
H14	kelompok normal	.213	5	.200*	.939	5	.656
	kontrol negatif	.300	5	.161	.813	5	.103

	kontrol positif	.206	5	.200*	.978	5	.926
	dosis 1	.180	5	.200*	.952	5	.754
	dosis 2	.228	5	.200*	.967	5	.858
	dosis 3	.240	5	.200*	.860	5	.227

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

a. Lilliefors Significance Correction

## OneWay

Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
H1	kelompok normal	.0980	.05263	.02354	.0327	.1633	.04	.17
	kontrol negatif	.0760	.01949	.00872	.0518	.1002	.05	.10
	kontrol positif	.1000	.02236	.01000	.0722	.1278	.07	.13
	dosis 1	.1040	.01140	.00510	.0898	.1182	.09	.12
	dosis 2	.1180	.01095	.00490	.1044	.1316	.10	.13
	dosis 3	.1100	.01581	.00707	.0904	.1296	.09	.13
	Total	.1010	.02734	.00499	.0908	.1112	.04	.17
H2	kelompok normal	.0980	.06261	.02800	.0203	.1757	.04	.20
	kontrol negatif	.0940	.02074	.00927	.0683	.1197	.07	.12
	kontrol positif	.1240	.02191	.00980	.0968	.1512	.09	.15
	dosis 1	.1100	.01871	.00837	.0868	.1332	.09	.14
	dosis 2	.1300	.01414	.00632	.1124	.1476	.11	.15
	dosis 3	.1520	.02864	.01281	.1164	.1876	.12	.19
	Total	.1180	.03556	.00649	.1047	.1313	.04	.20
H3	kelompok normal	.1240	.04722	.02112	.0654	.1826	.07	.18
	kontrol negatif	.0860	.01673	.00748	.0652	.1068	.06	.10
	kontrol positif	.1280	.02387	.01068	.0984	.1576	.10	.16
	dosis 1	.1300	.00707	.00316	.1212	.1388	.12	.14
	dosis 2	.1400	.02121	.00949	.1137	.1663	.11	.17
	dosis 3	.1660	.03050	.01364	.1281	.2039	.13	.21
	Total	.1290	.03468	.00633	.1161	.1419	.06	.21
H4	kelompok normal	.1300	.01732	.00775	.1085	.1515	.12	.16
	kontrol negatif	.0980	.02280	.01020	.0697	.1263	.07	.12
	kontrol positif	.1360	.02702	.01208	.1025	.1695	.11	.18
	dosis 1	.1300	.03536	.01581	.0861	.1739	.09	.17
	dosis 2	.1680	.01095	.00490	.1544	.1816	.16	.18
	dosis 3	.2000	.04062	.01817	.1496	.2504	.13	.23
	Total	.1437	.04140	.00756	.1282	.1591	.07	.23
H5	kelompok normal	.1260	.03507	.01568	.0825	.1695	.07	.16
	kontrol negatif	.0920	.02387	.01068	.0624	.1216	.07	.13
	kontrol positif	.1580	.04266	.01908	.1050	.2110	.12	.23
	dosis 1	.1320	.01095	.00490	.1184	.1456	.12	.15
	dosis 2	.1680	.02588	.01158	.1359	.2001	.14	.19
	dosis 3	.2060	.02702	.01208	.1725	.2395	.17	.24
	Total	.1470	.04519	.00825	.1301	.1639	.07	.24
H6	kelompok normal	.1300	.05244	.02345	.0649	.1951	.05	.18
	kontrol negatif	.0860	.01342	.00600	.0693	.1027	.07	.10
	kontrol positif	.1660	.03847	.01720	.1182	.2138	.10	.20
	dosis 1	.1420	.02280	.01020	.1137	.1703	.12	.17
	dosis 2	.1940	.04037	.01806	.1439	.2441	.13	.23
	dosis 3	.2100	.02915	.01304	.1738	.2462	.18	.25
	Total	.1547	.05277	.00963	.1350	.1744	.05	.25

	kelompok normal	5	.1340	.04393	.01965	.0795	.1885	.07	.18
	kontrol negatif	5	.0980	.01924	.00860	.0741	.1219	.07	.12
	kontrol positif	5	.1760	.02608	.01166	.1436	.2084	.14	.21
H7	dosis 1	5	.1480	.03194	.01428	.1083	.1877	.11	.19
	dosis 2	5	.2320	.05020	.02245	.1697	.2943	.15	.27
	dosis 3	5	.2460	.03209	.01435	.2062	.2858	.22	.29
	Total	30	.1723	.06246	.01140	.1490	.1957	.07	.29
	kelompok normal	5	.1380	.04438	.01985	.0829	.1931	.08	.19
	kontrol negatif	5	.1000	.02000	.00894	.0752	.1248	.08	.13
H8	kontrol positif	5	.2000	.02449	.01095	.1696	.2304	.17	.23
	dosis 1	5	.1740	.04393	.01965	.1195	.2285	.13	.23
	dosis 2	5	.2440	.03647	.01631	.1987	.2893	.18	.27
	dosis 3	5	.2560	.07701	.03444	.1604	.3516	.13	.34
	Total	30	.1853	.06952	.01269	.1594	.2113	.08	.34
	kelompok normal	5	.1160	.04099	.01833	.0651	.1669	.07	.17
	kontrol negatif	5	.0900	.02000	.00894	.0652	.1148	.07	.11
H9	kontrol positif	5	.2160	.02302	.01030	.1874	.2446	.18	.24
	dosis 1	5	.1880	.03114	.01393	.1493	.2267	.16	.23
	dosis 2	5	.2540	.03209	.01435	.2142	.2938	.21	.29
	dosis 3	5	.2820	.02950	.01319	.2454	.3186	.24	.32
	Total	30	.1910	.07554	.01379	.1628	.2192	.07	.32
	kelompok normal	5	.1420	.01483	.00663	.1236	.1604	.12	.16
	kontrol negatif	5	.0820	.02775	.01241	.0475	.1165	.06	.13
H10	kontrol positif	5	.2360	.04561	.02040	.1794	.2926	.17	.28
	dosis 1	5	.1780	.02280	.01020	.1497	.2063	.15	.21
	dosis 2	5	.2840	.01817	.00812	.2614	.3066	.26	.31
	dosis 3	5	.2940	.04722	.02112	.2354	.3526	.22	.34
	Total	30	.2027	.08288	.01513	.1717	.2336	.06	.34
	kelompok normal	5	.1320	.04658	.02083	.0742	.1898	.07	.18
	kontrol negatif	5	.0960	.03782	.01691	.0490	.1430	.07	.16
H11	kontrol positif	5	.2380	.02950	.01319	.2014	.2746	.19	.26
	dosis 1	5	.1880	.00837	.00374	.1776	.1984	.18	.20
	dosis 2	5	.3100	.02000	.00894	.2852	.3348	.28	.33
	dosis 3	5	.3500	.04416	.01975	.2952	.4048	.28	.40
	Total	30	.2190	.09736	.01777	.1826	.2554	.07	.40
	kelompok normal	5	.1620	.05718	.02557	.0910	.2330	.09	.23
	kontrol negatif	5	.1200	.01581	.00707	.1004	.1396	.10	.14
H12	kontrol positif	5	.2700	.02915	.01304	.2338	.3062	.22	.29
	dosis 1	5	.2040	.01517	.00678	.1852	.2228	.18	.22
	dosis 2	5	.3320	.02950	.01319	.2954	.3686	.30	.38
	dosis 3	5	.4020	.05357	.02396	.3355	.4685	.33	.48
	Total	30	.2483	.10475	.01913	.2092	.2874	.09	.48
	kelompok normal	5	.1820	.03633	.01625	.1369	.2271	.13	.23
	kontrol negatif	5	.1060	.02074	.00927	.0803	.1317	.09	.14
H13	kontrol positif	5	.2860	.04450	.01990	.2307	.3413	.22	.34
	dosis 1	5	.2160	.01949	.00872	.1918	.2402	.19	.24
	dosis 2	5	.3520	.02387	.01068	.3224	.3816	.32	.38
	dosis 3	5	.4280	.04324	.01934	.3743	.4817	.37	.48
	Total	30	.2617	.11320	.02067	.2194	.3039	.09	.48
	kelompok normal	5	.1680	.02775	.01241	.1335	.2025	.14	.21
	kontrol negatif	5	.1000	.02345	.01049	.0709	.1291	.06	.12
H14	kontrol positif	5	.3220	.05070	.02267	.2591	.3849	.25	.39
	dosis 1	5	.2360	.02074	.00927	.2103	.2617	.21	.26
	dosis 2	5	.3560	.03286	.01470	.3152	.3968	.31	.40
	dosis 3	5	.4340	.03975	.01778	.3846	.4834	.40	.50
	Total	30	.2693	.11965	.02185	.2247	.3140	.06	.50

### Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
H1	4.617	5	24	.004
H2	2.613	5	24	.050
H3	4.053	5	24	.008
H4	1.256	5	24	.315
H5	1.060	5	24	.406
H6	1.484	5	24	.232
H7	1.356	5	24	.276
H8	1.143	5	24	.365
H9	.908	5	24	.492
H10	1.812	5	24	.149
H11	1.570	5	24	.207
H12	1.865	5	24	.138
H13	.939	5	24	.474
H14	.596	5	24	.703

## POST HOC

### Multiple Comparisons

#### Tukey HSD

Dependent Variable	(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
H1	kelompok normal	kontrol negatif	.02200	.01663	.770	-.0294	.0734
		kontrol positif	-.00200	.01663	1.000	-.0534	.0494
		dosis 1	-.00600	.01663	.999	-.0574	.0454
		dosis 2	-.02000	.01663	.831	-.0714	.0314
		dosis 3	-.01200	.01663	.977	-.0634	.0394
		kelompok normal	-.02200	.01663	.770	-.0734	.0294
	kontrol negatif	kontrol positif	-.02400	.01663	.702	-.0754	.0274
		dosis 1	-.02800	.01663	.555	-.0794	.0234
		dosis 2	-.04200	.01663	.156	-.0934	.0094
	kontrol positif	dosis 3	-.03400	.01663	.348	-.0854	.0174
		kelompok normal	.00200	.01663	1.000	-.0494	.0534
		kontrol negatif	.02400	.01663	.702	-.0274	.0754
H2	dosis 1	dosis 1	-.00400	.01663	1.000	-.0554	.0474
		dosis 2	-.01800	.01663	.884	-.0694	.0334
		dosis 3	-.01000	.01663	.990	-.0614	.0414
		kelompok normal	.00600	.01663	.999	-.0454	.0574
		kontrol negatif	.02800	.01663	.555	-.0234	.0794
		kontrol positif	.00400	.01663	1.000	-.0474	.0554
	dosis 2	dosis 2	-.01400	.01663	.956	-.0654	.0374
		dosis 3	-.00600	.01663	.999	-.0574	.0454
		kelompok normal	.02000	.01663	.831	-.0314	.0714
	dosis 3	kontrol negatif	.04200	.01663	.156	-.0094	.0934
		kontrol positif	.01800	.01663	.884	-.0334	.0694
		dosis 1	.01400	.01663	.956	-.0374	.0654
		dosis 3	.00800	.01663	.996	-.0434	.0594
		kelompok normal	.01200	.01663	.977	-.0394	.0634

		kontrol negatif	.03400	.01663	.348		-.0174	.0854
		kontrol positif	.01000	.01663	.990		-.0414	.0614
		dosis 1	.00600	.01663	.999		-.0454	.0574
		dosis 2	-.00800	.01663	.996		-.0594	.0434
		kontrol negatif	.00400	.02033	1.000		-.0589	.0669
	kelompok normal	kontrol positif	-.02600	.02033	.793		-.0889	.0369
		dosis 1	-.01200	.02033	.991		-.0749	.0509
		dosis 2	-.03200	.02033	.622		-.0949	.0309
		dosis 3	-.05400	.02033	.122		-.1169	.0089
		kelompok normal	-.00400	.02033	1.000		-.0669	.0589
	kontrol negatif	kontrol positif	-.03000	.02033	.682		-.0929	.0329
		dosis 1	-.01600	.02033	.967		-.0789	.0469
		dosis 2	-.03600	.02033	.502		-.0989	.0269
		dosis 3	-.05800	.02033	.083		-.1209	.0049
		kelompok normal	.02600	.02033	.793		-.0369	.0889
	kontrol positif	kontrol negatif	.03000	.02033	.682		-.0329	.0929
		dosis 1	.01400	.02033	.982		-.0489	.0769
		dosis 2	-.00600	.02033	1.000		-.0689	.0569
		dosis 3	-.02800	.02033	.740		-.0909	.0349
H2		kelompok normal	.01200	.02033	.991		-.0509	.0749
		kontrol negatif	.01600	.02033	.967		-.0469	.0789
	dosis 1	kontrol positif	-.01400	.02033	.982		-.0769	.0489
		dosis 2	-.02000	.02033	.919		-.0829	.0429
		dosis 3	-.04200	.02033	.337		-.1049	.0209
		kelompok normal	.03200	.02033	.622		-.0309	.0949
	dosis 2	kontrol negatif	.03600	.02033	.502		-.0269	.0989
		kontrol positif	.00600	.02033	1.000		-.0569	.0689
		dosis 1	.02000	.02033	.919		-.0429	.0829
		dosis 3	-.02200	.02033	.884		-.0849	.0409
		kelompok normal	.05400	.02033	.122		-.0089	.1169
	dosis 3	kontrol negatif	.05800	.02033	.083		-.0049	.1209
		kontrol positif	.02800	.02033	.740		-.0349	.0909
		dosis 1	.04200	.02033	.337		-.0209	.1049
		dosis 2	.02200	.02033	.884		-.0409	.0849
		kontrol negatif	.03800	.01734	.278		-.0156	.0916
	kelompok normal	kontrol positif	-.00400	.01734	1.000		-.0576	.0496
		dosis 1	-.00600	.01734	.999		-.0596	.0476
		dosis 2	-.01600	.01734	.937		-.0696	.0376
		dosis 3	-.04200	.01734	.188		-.0956	.0116
		kelompok normal	-.03800	.01734	.278		-.0916	.0156
	kontrol negatif	kontrol positif	-.04200	.01734	.188		-.0956	.0116
		dosis 1	-.04400	.01734	.153		-.0976	.0096
		dosis 2	-.05400*	.01734	.048		-.1076	-.0004
		dosis 3	-.08000*	.01734	.001		-.1336	-.0264
		kelompok normal	.00400	.01734	1.000		-.0496	.0576
H3	kontrol positif	kontrol negatif	.04200	.01734	.188		-.0116	.0956
		dosis 1	-.00200	.01734	1.000		-.0556	.0516
		dosis 2	-.01200	.01734	.981		-.0656	.0416
		dosis 3	-.03800	.01734	.278		-.0916	.0156
		kelompok normal	.00600	.01734	.999		-.0476	.0596
	dosis 1	kontrol negatif	.04400	.01734	.153		-.0096	.0976
		kontrol positif	.00200	.01734	1.000		-.0516	.0556
		dosis 2	-.01000	.01734	.992		-.0636	.0436
		dosis 3	-.03600	.01734	.332		-.0896	.0176
		kelompok normal	.01600	.01734	.937		-.0376	.0696
	dosis 2	kontrol negatif	.05400*	.01734	.048		-.0004	.1076
		kontrol positif	.01200	.01734	.981		-.0416	.0656
		dosis 1	.01000	.01734	.992		-.0436	.0636
		dosis 3	-.02600	.01734	.668		-.0796	.0276
	dosis 3	kelompok normal	.04200	.01734	.188		-.0116	.0956
		kontrol negatif	.08000*	.01734	.001		-.0264	.1336

		kontrol positif	.03800	.01734	.278		-.0156	.0916
		dosis 1	.03600	.01734	.332		-.0176	.0896
		dosis 2	.02600	.01734	.668		-.0276	.0796
		kontrol negatif	.03200	.01745	.465		-.0220	.0860
		kontrol positif	-.00600	.01745	.999		-.0600	.0480
H4	kelompok normal	dosis 1	.00000	.01745	1.000		-.0540	.0540
		dosis 2	-.03800	.01745	.284		-.0920	.0160
		dosis 3	-.07000*	.01745	.006		-.1240	-.0160
		kelompok normal	-.03200	.01745	.465		-.0860	.0220
		kontrol positif	-.03800	.01745	.284		-.0920	.0160
	kontrol negatif	dosis 1	-.03200	.01745	.465		-.0860	.0220
		dosis 2	-.07000*	.01745	.006		-.1240	-.0160
		dosis 3	-.10200*	.01745	.000		-.1560	-.0480
		kelompok normal	.00600	.01745	.999		-.0480	.0600
		kontrol negatif	.03800	.01745	.284		-.0160	.0920
H5	kontrol positif	dosis 1	.00600	.01745	.999		-.0480	.0600
		dosis 2	-.03200	.01745	.465		-.0860	.0220
		dosis 3	-.06400*	.01745	.014		-.1180	-.0100
		kelompok normal	.00000	.01745	1.000		-.0540	.0540
		kontrol negatif	.03200	.01745	.465		-.0220	.0860
	dosis 1	kontrol positif	-.00600	.01745	.999		-.0600	.0480
		dosis 2	-.03800	.01745	.284		-.0920	.0160
		dosis 3	-.07000*	.01745	.006		-.1240	-.0160
		kelompok normal	.03800	.01745	.284		-.0160	.0920
		kontrol negatif	.07000*	.01745	.006		-.0160	.1240
	dosis 2	kontrol positif	.03200	.01745	.465		-.0220	.0860
		dosis 1	.03800	.01745	.284		-.0160	.0920
		dosis 3	-.03200	.01745	.465		-.0860	.0220
		kelompok normal	.07000*	.01745	.006		-.0160	.1240
		kontrol negatif	.10200*	.01745	.000		.0480	.1560
	dosis 3	kontrol positif	.06400*	.01745	.014		.0100	.1180
		dosis 1	.07000*	.01745	.006		.0160	.1240
		dosis 2	.03200	.01745	.465		-.0220	.0860
		kontrol negatif	.03400	.01851	.463		-.0232	.0912
		kontrol positif	-.03200	.01851	.527		-.0892	.0252
H6	kelompok normal	dosis 1	-.00600	.01851	.999		-.0632	.0512
		dosis 2	-.04200	.01851	.245		-.0992	.0152
		dosis 3	-.08000*	.01851	.003		-.1372	-.0228
		kelompok normal	-.03400	.01851	.463		-.0912	.0232
		kontrol positif	-.06600*	.01851	.017		-.1232	-.0088
	kontrol negatif	dosis 1	-.04000	.01851	.292		-.0972	.0172
		dosis 2	-.07600*	.01851	.005		-.1332	-.0188
		dosis 3	-.11400*	.01851	.000		-.1712	-.0568
		kelompok normal	.03200	.01851	.527		-.0252	.0892
		kontrol negatif	.06600*	.01851	.017		.0088	.1232
	kontrol positif	dosis 1	.02600	.01851	.724		-.0312	.0832
		dosis 2	-.01000	.01851	.994		-.0672	.0472
		dosis 3	-.04800	.01851	.138		-.1052	.0092
		kelompok normal	.00600	.01851	.999		-.0512	.0632
		kontrol negatif	.04000	.01851	.292		-.0172	.0972
	dosis 1	kontrol positif	-.02600	.01851	.724		-.0832	.0312
		dosis 2	-.03600	.01851	.401		-.0932	.0212
		dosis 3	-.07400*	.01851	.006		-.1312	-.0168
		kelompok normal	.04200	.01851	.245		-.0152	.0992
		kontrol negatif	.07600*	.01851	.005		.0188	.1332
	dosis 2	kontrol positif	.01000	.01851	.994		-.0472	.0672
		dosis 1	.03600	.01851	.401		-.0212	.0932
		dosis 3	-.03800	.01851	.344		-.0952	.0192
		kelompok normal	.08000*	.01851	.003		.0228	.1372
		kontrol negatif	.11400*	.01851	.000		.0568	.1712
	dosis 3	kontrol positif	.04800	.01851	.138		-.0092	.1052
		dosis 1	.07400*	.01851	.006		.0168	.1312

		dosis 2	.03800	.01851	.344	-.0192	.0952	
		kontrol negatif	.04400	.02223	.382	-.0247	.1127	
		kontrol positif	-.03600	.02223	.594	-.1047	.0327	
		dosis 1	-.01200	.02223	.994	-.0807	.0567	
		dosis 2	-.06400	.02223	.078	-.1327	.0047	
		dosis 3	-.08000*	.02223	.016	-.1487	-.0113	
		kelompok normal	-.04400	.02223	.382	-.1127	.0247	
		kontrol positif	-.08000*	.02223	.016	-.1487	-.0113	
		dosis 1	-.05600	.02223	.158	-.1247	.0127	
		dosis 2	-.10800*	.02223	.001	-.1767	-.0393	
		dosis 3	-.12400*	.02223	.000	-.1927	-.0553	
		kelompok normal	.03600	.02223	.594	-.0327	.1047	
		kontrol negatif	.08000*	.02223	.016	.0113	.1487	
		kontrol positif	.02400	.02223	.885	-.0447	.0927	
		dosis 1	-.02800	.02223	.803	-.0967	.0407	
		dosis 2	-.04400	.02223	.382	-.1127	.0247	
		dosis 3	-.04400	.02223	.994	-.0567	.0807	
		kelompok normal	.01200	.02223	.158	-.0127	.1247	
		kontrol negatif	.05600	.02223	.885	-.0927	.0447	
		kontrol positif	-.02400	.02223	.885	-.0927	.0447	
		dosis 2	-.05200	.02223	.218	-.1207	.0167	
		dosis 3	-.06800	.02223	.054	-.1367	.0007	
		kelompok normal	.06400	.02223	.078	-.0047	.1327	
		kontrol negatif	-.10800*	.02223	.001	.0393	.1767	
		kontrol positif	.02800	.02223	.803	-.0407	.0967	
		dosis 1	.05200	.02223	.218	-.0167	.1207	
		dosis 3	-.01600	.02223	.978	-.0847	.0527	
		kelompok normal	.08000*	.02223	.016	.0113	.1487	
		kontrol negatif	.12400*	.02223	.000	.0553	.1927	
		kontrol positif	.04400	.02223	.382	-.0247	.1127	
		dosis 1	.06800	.02223	.054	-.0007	.1367	
		dosis 2	.01600	.02223	.978	-.0527	.0847	
		kontrol negatif	.03600	.02244	.604	-.0334	.1054	
		kontrol positif	-.04200	.02244	.442	-.1114	.0274	
		dosis 1	-.01400	.02244	.988	-.0834	.0554	
		dosis 2	-.09800*	.02244	.003	-.1674	-.0286	
		dosis 3	-.11200*	.02244	.001	-.1814	-.0426	
		kelompok normal	-.03600	.02244	.604	-.1054	.0334	
		kontrol positif	-.07800*	.02244	.021	-.1474	-.0086	
		kontrol negatif	dosis 1	-.05000	.02244	.262	-.1194	.0194
		dosis 2	-.13400*	.02244	.000	-.2034	-.0646	
		dosis 3	-.14800*	.02244	.000	-.2174	-.0786	
		kelompok normal	.04200	.02244	.442	-.0274	.1114	
		kontrol negatif	.07800*	.02244	.021	.0086	.1474	
		kontrol positif	dosis 1	.02800	.02244	.809	-.0414	.0974
		dosis 2	-.05600	.02244	.165	-.1254	.0134	
		dosis 3	-.07000*	.02244	.047	-.1394	-.0006	
		kelompok normal	.01400	.02244	.988	-.0554	.0834	
		kontrol negatif	.05000	.02244	.262	-.0194	.1194	
		kontrol positif	-.02800	.02244	.809	-.0974	.0414	
		dosis 2	-.08400*	.02244	.011	-.1534	-.0146	
		dosis 3	-.09800*	.02244	.003	-.1674	-.0286	
		kelompok normal	.09800*	.02244	.003	.0286	.1674	
		kontrol negatif	.13400*	.02244	.000	.0646	.2034	
		kontrol positif	.05600	.02244	.165	-.0134	.1254	
		dosis 1	.08400*	.02244	.011	.0146	.1534	
		dosis 3	-.01400	.02244	.988	-.0834	.0554	
		kelompok normal	.11200*	.02244	.001	.0426	.1814	
		kontrol negatif	.14800*	.02244	.000	.0786	.2174	
		kontrol positif	.07000*	.02244	.047	.0006	.1394	
		dosis 1	.09800*	.02244	.003	.0286	.1674	
		dosis 2	.01400	.02244	.988	-.0554	.0834	
H8	kelompok	kontrol negatif	.03800	.02847	.763	-.0500	.1260	

		normal	kontrol positif	-.06200	.02847	.284	-.1500	.0260
		dosis 1		-.03600	.02847	.801	-.1240	.0520
		dosis 2		-.10600*	.02847	.012	-.1940	-.0180
		dosis 3		-.11800*	.02847	.004	-.2060	-.0300
		kelompok normal		-.03800	.02847	.763	-.1260	.0500
		kontrol negatif		-.10000*	.02847	.020	-.1880	-.0120
	H9	kontrol negatif	dosis 1	-.07400	.02847	.136	-.1620	.0140
		dosis 2		-.14400*	.02847	.000	-.2320	-.0560
		dosis 3		-.15600*	.02847	.000	-.2440	-.0680
		kelompok normal		.06200	.02847	.284	-.0260	.1500
		kontrol positif		.10000*	.02847	.020	.0120	.1880
		kontrol positif	dosis 1	.02600	.02847	.939	-.0620	.1140
		dosis 2		-.04400	.02847	.640	-.1320	.0440
		dosis 3		-.05600	.02847	.389	-.1440	.0320
		kelompok normal		.03600	.02847	.801	-.0520	.1240
		kontrol negatif		.07400	.02847	.136	-.0140	.1620
		dosis 1	kontrol positif	-.02600	.02847	.939	-.1140	.0620
		dosis 2		-.07000	.02847	.176	-.1580	.0180
		dosis 3		-.08200	.02847	.078	-.1700	.0060
		kelompok normal		.10600*	.02847	.012	.0180	.1940
		kontrol negatif		.14400*	.02847	.000	.0560	.2320
		dosis 2	kontrol positif	.04400	.02847	.640	-.0440	.1320
		dosis 1		.07000	.02847	.176	-.0180	.1580
		dosis 3		-.01200	.02847	.998	-.1000	.0760
		kelompok normal		.11800*	.02847	.004	.0300	.2060
		kontrol negatif		.15600*	.02847	.000	.0680	.2440
		dosis 3	kontrol positif	.05600	.02847	.389	-.0320	.1440
		dosis 1		.08200	.02847	.078	-.0060	.1700
		dosis 2		.01200	.02847	.998	-.0760	.1000
		kontrol negatif		.02600	.01911	.749	-.0331	.0851
		kelompok normal		-.10000*	.01911	.000	-.1591	-.0409
		kontrol positif	dosis 1	-.07200*	.01911	.011	-.1311	-.0129
		dosis 2		-.13800*	.01911	.000	-.1971	-.0789
		dosis 3		-.16600*	.01911	.000	-.2251	-.1069
		kelompok normal		-.02600	.01911	.749	-.0851	.0331
		kontrol positif		-.12600*	.01911	.000	-.1851	-.0669
		kontrol negatif	dosis 1	-.09800*	.01911	.000	-.1571	-.0389
		dosis 2		-.16400*	.01911	.000	-.2231	-.1049
		dosis 3		-.19200*	.01911	.000	-.2511	-.1329
		kelompok normal		.10000*	.01911	.000	.0409	.1591
		kontrol negatif		.12600*	.01911	.000	.0669	.1851
		kontrol positif	dosis 1	.02800	.01911	.689	-.0311	.0871
		dosis 2		-.03800	.01911	.378	-.0971	.0211
		dosis 3		-.06600*	.01911	.022	-.1251	-.0069
		kelompok normal		.07200*	.01911	.011	.0129	.1311
		kontrol negatif		.09800*	.01911	.000	.0389	.1571
		dosis 1	kontrol positif	-.02800	.01911	.689	-.0871	.0311
		dosis 2		-.06600*	.01911	.022	-.1251	-.0069
		dosis 3		-.09400*	.01911	.001	-.1531	-.0349
		kelompok normal		.13800*	.01911	.000	.0789	.1971
		kontrol negatif		.16400*	.01911	.000	.1049	.2231
		dosis 2	kontrol positif	.03800	.01911	.378	-.0211	.0971
		dosis 1		.06600*	.01911	.022	.0069	.1251
		dosis 3		-.02800	.01911	.689	-.0871	.0311
		kelompok normal		.16600*	.01911	.000	.1069	.2251
		kontrol negatif		.19200*	.01911	.000	.1329	.2511
		dosis 3	kontrol positif	.06600*	.01911	.022	.0069	.1251
		dosis 1		.09400*	.01911	.001	.0349	.1531
		dosis 2		.02800	.01911	.689	-.0311	.0871
		kontrol negatif		.06000	.02025	.066	-.0026	.1226
	H10	kelompok normal	kontrol positif	-.09400*	.02025	.001	-.1566	-.0314
		dosis 1		-.03600	.02025	.498	-.0986	.0266

		dosis 2	-.14200*	.02025	.000	-.2046	-.0794
		dosis 3	-.15200*	.02025	.000	-.2146	-.0894
		kelompok normal	-.06000	.02025	.066	-.1226	.0026
		kontrol positif	-.15400*	.02025	.000	-.2166	-.0914
	kontrol negatif	dosis 1	-.09600*	.02025	.001	-.1586	-.0334
		dosis 2	-.20200*	.02025	.000	-.2646	-.1394
		dosis 3	-.21200*	.02025	.000	-.2746	-.1494
		kelompok normal	.09400*	.02025	.001	.0314	.1566
		kontrol negatif	.15400*	.02025	.000	.0914	.2166
	kontrol positif	dosis 1	.05800	.02025	.081	-.0046	.1206
		dosis 2	-.04800	.02025	.206	-.1106	.0146
		dosis 3	-.05800	.02025	.081	-.1206	.0046
		kelompok normal	.03600	.02025	.498	-.0266	.0986
		kontrol negatif	.09600*	.02025	.001	.0334	.1586
	dosis 1	kontrol positif	-.05800	.02025	.081	-.1206	.0046
		dosis 2	-.10600*	.02025	.000	-.1686	-.0434
		dosis 3	-.11600*	.02025	.000	-.1786	-.0534
		kelompok normal	.14200*	.02025	.000	.0794	.2046
		kontrol negatif	.20200*	.02025	.000	.1394	.2646
	dosis 2	kontrol positif	.04800	.02025	.206	-.0146	.1106
		dosis 1	.10600*	.02025	.000	.0434	.1686
		dosis 3	-.01000	.02025	.996	-.0726	.0526
		kelompok normal	.15200*	.02025	.000	.0894	.2146
		kontrol negatif	.21200*	.02025	.000	.1494	.2746
	dosis 3	kontrol positif	.05800	.02025	.081	-.0046	.1206
		dosis 1	.11600*	.02025	.000	.0534	.1786
		dosis 2	.01000	.02025	.996	-.0526	.0726
		kontrol negatif	.03600	.02143	.557	-.0303	.1023
	kelompok normal	kontrol positif	-.10600*	.02143	.001	-.1723	-.0397
		dosis 1	-.05600	.02143	.133	-.1223	.0103
		dosis 2	-.17800*	.02143	.000	-.2443	-.1117
		dosis 3	-.21800*	.02143	.000	-.2843	-.1517
		kelompok normal	-.03600	.02143	.557	-.1023	.0303
		kontrol positif	-.14200*	.02143	.000	-.2083	-.0757
	kontrol negatif	dosis 1	-.09200*	.02143	.003	-.1583	-.0257
		dosis 2	-.21400*	.02143	.000	-.2803	-.1477
		dosis 3	-.25400*	.02143	.000	-.3203	-.1877
		kelompok normal	.10600*	.02143	.001	.0397	.1723
		kontrol negatif	.14200*	.02143	.000	.0757	.2083
H11	kontrol positif	dosis 1	.05000	.02143	.220	-.0163	.1163
		dosis 2	-.07200*	.02143	.028	-.1383	-.0057
		dosis 3	-.11200*	.02143	.000	-.1783	-.0457
		kelompok normal	.05600	.02143	.133	-.0103	.1223
		kontrol negatif	.09200*	.02143	.003	.0257	.1583
	dosis 1	kontrol positif	-.05000	.02143	.220	-.1163	.0163
		dosis 2	-.12200*	.02143	.000	-.1883	-.0557
		dosis 3	-.16200*	.02143	.000	-.2283	-.0957
		kelompok normal	.17800*	.02143	.000	.1117	.2443
		kontrol negatif	.21400*	.02143	.000	.1477	.2803
	dosis 2	kontrol positif	.07200*	.02143	.028	.0057	.1383
		dosis 1	.12200*	.02143	.000	.0557	.1883
		dosis 3	-.04000	.02143	.445	-.1063	.0263
		kelompok normal	.21800*	.02143	.000	.1517	.2843
		kontrol negatif	.25400*	.02143	.000	.1877	.3203
	dosis 3	kontrol positif	.11200*	.02143	.000	.0457	.1783
		dosis 1	.16200*	.02143	.000	.0957	.2283
		dosis 2	.04000	.02143	.445	-.0263	.1063
		kontrol negatif	.04200	.02358	.496	-.0309	.1149
H12	kelompok normal	kontrol positif	-.10800*	.02358	.002	-.1809	-.0351
		dosis 1	-.04200	.02358	.496	-.1149	.0309
		dosis 2	-.17000*	.02358	.000	-.2429	-.0971
		dosis 3	-.24000*	.02358	.000	-.3129	-.1671

		kelompok normal	-.04200	.02358	.496	-.1149	.0309
		kontrol positif	-.15000*	.02358	.000	-.2229	-.0771
	kontrol negatif	dosis 1	-.08400*	.02358	.017	-.1569	-.0111
		dosis 2	-.21200*	.02358	.000	-.2849	-.1391
		dosis 3	-.28200*	.02358	.000	-.3549	-.2091
		kelompok normal	.10800*	.02358	.002	.0351	.1809
		kontrol negatif	.15000*	.02358	.000	.0771	.2229
	kontrol positif	dosis 1	.06600	.02358	.092	-.0069	.1389
		dosis 2	-.06200	.02358	.128	-.1349	.0109
		dosis 3	-.13200*	.02358	.000	-.2049	-.0591
		kelompok normal	.04200	.02358	.496	-.0309	.1149
		kontrol negatif	.08400*	.02358	.017	.0111	.1569
	dosis 1	kontrol positif	-.06600	.02358	.092	-.1389	.0069
		dosis 2	-.12800*	.02358	.000	-.2009	-.0551
		dosis 3	-.19800*	.02358	.000	-.2709	-.1251
		kelompok normal	.17000*	.02358	.000	.0971	.2429
		kontrol negatif	.21200*	.02358	.000	.1391	.2849
	dosis 2	kontrol positif	.06200	.02358	.128	-.0109	.1349
		dosis 1	.12800*	.02358	.000	.0551	.2009
		dosis 3	-.07000	.02358	.065	-.1429	.0029
		kelompok normal	.24000*	.02358	.000	.1671	.3129
		kontrol negatif	.28200*	.02358	.000	.2091	.3549
	dosis 3	kontrol positif	.13200*	.02358	.000	.0591	.2049
		dosis 1	.19800*	.02358	.000	.1251	.2709
		dosis 2	.07000	.02358	.065	-.0029	.1429
		kontrol negatif	.07600*	.02090	.015	.0114	.1406
	kelompok	kontrol positif	-.10400*	.02090	.001	-.1686	-.0394
	normal	dosis 1	-.03400	.02090	.590	-.0986	.0306
		dosis 2	-.17000*	.02090	.000	-.2346	-.1054
		dosis 3	-.24600*	.02090	.000	-.3106	-.1814
		kelompok normal	-.07600*	.02090	.015	-.1406	-.0114
		kontrol positif	-.18000*	.02090	.000	-.2446	-.1154
	kontrol negatif	dosis 1	-.11000*	.02090	.000	-.1746	-.0454
		dosis 2	-.24600*	.02090	.000	-.3106	-.1814
		dosis 3	-.32200*	.02090	.000	-.3866	-.2574
		kelompok normal	.10400*	.02090	.001	.0394	.1686
		kontrol negatif	.18000*	.02090	.000	.1154	.2446
H13	kontrol positif	dosis 1	.07000*	.02090	.028	.0054	.1346
		dosis 2	-.06600*	.02090	.043	-.1306	-.0014
		dosis 3	-.14200*	.02090	.000	-.2066	-.0774
		kelompok normal	.03400	.02090	.590	-.0306	.0986
		kontrol negatif	.11000*	.02090	.000	.0454	.1746
	dosis 1	kontrol positif	-.07000*	.02090	.028	-.1346	-.0054
		dosis 2	-.13600*	.02090	.000	-.2006	-.0714
		dosis 3	-.21200*	.02090	.000	-.2766	-.1474
		kelompok normal	.17000*	.02090	.000	.1054	.2346
		kontrol negatif	.24600*	.02090	.000	.1814	.3106
	dosis 2	kontrol positif	.06600*	.02090	.043	.0014	.1306
		dosis 1	.13600*	.02090	.000	.0714	.2006
		dosis 3	-.07600*	.02090	.015	-.1406	-.0114
		kelompok normal	.24600*	.02090	.000	.1814	.3106
		kontrol negatif	.32200*	.02090	.000	.2574	.3866
	dosis 3	kontrol positif	.14200*	.02090	.000	.0774	.2066
		dosis 1	.21200*	.02090	.000	.1474	.2766
		dosis 2	.07600*	.02090	.015	.0114	.1406
		kontrol negatif	.06800*	.02157	.044	.0013	.1347
H14	kelompok	kontrol positif	-.15400*	.02157	.000	-.2207	-.0873
	normal	dosis 1	-.06800*	.02157	.044	-.1347	-.0013
		dosis 2	-.18800*	.02157	.000	-.2547	-.1213
		dosis 3	-.26600*	.02157	.000	-.3327	-.1993
	kontrol negatif	kelompok normal	-.06800*	.02157	.044	-.1347	-.0013

	kontrol positif	-.22200*	.02157	.000	-.2887	-.1553
	dosis 1	-.13600*	.02157	.000	-.2027	-.0693
	dosis 2	-.25600*	.02157	.000	-.3227	-.1893
	dosis 3	-.33400*	.02157	.000	-.4007	-.2673
	kelompok normal	.15400*	.02157	.000	.0873	.2207
	kontrol negatif	.22200*	.02157	.000	.1553	.2887
kontrol positif	dosis 1	.08600*	.02157	.006	.0193	.1527
	dosis 2	-.03400	.02157	.621	-.1007	.0327
	dosis 3	-.11200*	.02157	.000	-.1787	-.0453
	kelompok normal	.06800*	.02157	.044	.0013	.1347
	kontrol negatif	.13600*	.02157	.000	.0693	.2027
dosis 1	kontrol positif	-.08600*	.02157	.006	-.1527	-.0193
	dosis 2	-.12000*	.02157	.000	-.1867	-.0533
	dosis 3	-.19800*	.02157	.000	-.2647	-.1313
	kelompok normal	.18800*	.02157	.000	.1213	.2547
	kontrol negatif	.25600*	.02157	.000	.1893	.3227
dosis 2	kontrol positif	.03400	.02157	.621	-.0327	.1007
	dosis 1	.12000*	.02157	.000	.0533	.1867
	dosis 3	-.07800*	.02157	.015	-.1447	-.0113
	kelompok normal	.26600*	.02157	.000	.1993	.3327
	kontrol negatif	.33400*	.02157	.000	.2673	.4007
dosis 3	kontrol positif	.11200*	.02157	.000	.0453	.1787
	dosis 1	.19800*	.02157	.000	.1313	.2647
	dosis 2	.07800*	.02157	.015	.0113	.1447

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

## Subset

H1

Tukey HSD<sup>a</sup>

Kelompok	N	Subset for alpha
		= 0.05
		1
kontrol negatif	5	.0760
kelompok normal	5	.0980
kontrol positif	5	.1000
dosis 1	5	.1040
dosis 3	5	.1100
dosis 2	5	.1180
Sig.		.156

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

**H2**Tukey HSD<sup>a</sup>

Kelompok	N	Subset for alpha = 0.05	
		1	
kontrol negatif	5	.0940	
kelompok normal	5	.0980	
dosis 1	5	.1100	
kontrol positif	5	.1240	
dosis 2	5	.1300	
dosis 3	5	.1520	
Sig.		.083	

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

**H3**Tukey HSD<sup>a</sup>

kelompok	N	Subset for alpha = 0.05	
		1	2
kontrol negatif	5	.0860	
kelompok normal	5	.1240	.1240
kontrol positif	5	.1280	.1280
dosis 1	5	.1300	.1300
dosis 2	5		.1400
dosis 3	5		.1660
Sig.		.153	.188

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

**H4**Tukey HSD<sup>a</sup>

kelompok	N	Subset for alpha = 0.05		
		1	2	3
kontrol negatif	5	.0980		
kelompok normal	5	.1300	.1300	
dosis 1	5	.1300	.1300	
kontrol positif	5	.1360	.1360	
dosis 2	5		.1680	.1680
dosis 3	5			.2000
Sig.		.284	.284	.465

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

**H5**Tukey HSD<sup>a</sup>

kelompok	N	Subset for alpha = 0.05		
		1	2	3
kontrol negatif	5	.0920		
kelompok normal	5	.1260	.1260	
dosis 1	5	.1320	.1320	
kontrol positif	5		.1580	.1580
dosis 2	5		.1680	.1680
dosis 3	5			.2060
Sig.		.292	.245	.138

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

**H6**Tukey HSD<sup>a</sup>

kelompok	N	Subset for alpha = 0.05		
		1	2	3
kontrol negatif	5	.0860		
kelompok normal	5	.1300	.1300	
dosis 1	5	.1420	.1420	.1420
kontrol positif	5		.1660	.1660
dosis 2	5		.1940	.1940
dosis 3	5			.2100
Sig.		.158	.078	.054

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

**H7**Tukey HSD<sup>a</sup>

kelompok	N	Subset for alpha = 0.05			
		1	2	3	4
kontrol negatif	5	.0980			
kelompok normal	5	.1340	.1340		
dosis 1	5	.1480	.1480		
kontrol positif	5		.1760	.1760	
dosis 2	5			.2320	.2320
dosis 3	5				.2460
Sig.		.262	.442	.165	.988

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

**H8**Tukey HSD<sup>a</sup>

kelompok	N	Subset for alpha = 0.05		
		1	2	3
kontrol negatif	5	.1000		
kelompok normal	5	.1380	.1380	
dosis 1	5	.1740	.1740	.1740
kontrol positif	5		.2000	.2000
dosis 2	5			.2440
dosis 3	5			.2560
Sig.		.136	.284	.078

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

**H9**Tukey HSD<sup>a</sup>

kelompok	N	Subset for alpha = 0.05			
		1	2	3	4
kontrol negatif	5	.0900			
kelompok normal	5	.1160			
dosis 1	5		.1880		
kontrol positif	5		.2160	.2160	
dosis 2	5			.2540	.2540
dosis 3	5				.2820
Sig.		.749	.689	.378	.689

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

**H10**Tukey HSD<sup>a</sup>

kelompok	N	Subset for alpha = 0.05			
		1	2	3	4
kontrol negatif	5	.0820			
kelompok normal	5	.1420	.1420		
dosis 1	5		.1780	.1780	
kontrol positif	5			.2360	.2360
dosis 2	5				.2840
dosis 3	5				.2940
Sig.		.066	.498	.081	.081

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

**H11**Tukey HSD<sup>a</sup>

kelompok	N	Subset for alpha = 0.05			
		1	2	3	4
kontrol negatif	5	.0960			
kelompok normal	5	.1320	.1320		
dosis 1	5		.1880	.1880	
kontrol positif	5			.2380	
dosis 2	5				.3100
dosis 3	5				.3500
Sig.		.557	.133	.220	.445

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

**H12**Tukey HSD<sup>a</sup>

kelompok	N	Subset for alpha = 0.05				
		1	2	3	4	5
kontrol negatif	5	.1200				
kelompok normal	5	.1620	.1620			
dosis 1	5		.2040	.2040		
kontrol positif	5			.2700	.2700	
dosis 2	5				.3320	.3320
dosis 3	5					.4020
Sig.		.496	.496	.092	.128	.065

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

**H13**Tukey HSD<sup>a</sup>

kelompok	N	Subset for alpha = 0.05				
		1	2	3	4	5
kontrol negatif	5	.1060				
kelompok normal	5		.1820			
dosis 1	5		.2160			
kontrol positif	5			.2860		
dosis 2	5				.3520	
dosis 3	5					.4280
Sig.		1.000	.590	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

**H14**Tukey HSD<sup>a</sup>

kelompok	N	Subset for alpha = 0.05				
		1	2	3	4	5
kontrol negatif	5	.1000				
kelompok normal	5		.1680			
dosis 1	5			.2360		
kontrol positif	5				.3220	
dosis 2	5				.3560	
dosis 3	5					.4340
Sig.		1.000	1.000	1.000	.621	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.