

LAMPIRAN

Lampiran 1 Komisi Etik



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
UNIVERSITAS PADJADJARAN
KOMISI ETIK PENELITIAN
RESEARCH ETHICS COMMITTEE

Jl. Prof. Djokosoedarmo No. 38 Bandung 40131
Telp. & Fax: 022-2038897 email: kupk@unpad@gmail.com, website: kupk.fk.unpad.ac.id

No. Reg.: 0220020199

PEMBEBASAN ETIK
ETHICAL EXEMPTION

Nomor: 245/UN6.KEP/EC/2020

Komisi Etik Penelitian Universitas Padjadjaran Bandung, telah mengkaji dengan teliti proposal penelitian yang menggunakan subjek Hewan Coba dalam penelitian yang berjudul:

The Research Ethics Committee Universitas Padjadjaran Bandung, has been throughly reviewed proposal for reaserach with animal subjects in reaserach entitled:

UJI TOKSISITAS AKUT DARI DALIN KATUK (SAUROPLUS ANDROGYNUS L.MERR) PADA TIKUS BETINA

Nama Peneliti Utama : Hendrik Septiadi
Principal Researcher

Pembimbing/Peneliti Lain : Dr. Agus Sulaeman, M.Si., Apt.
Supervisor/Other Researcher Widhya Aligita, M.Si., Apt.

Nama Institusi : Program Sarjana
Institution Program Studi Farmasi
Fakultas Farmasi Universitas Bhakti Kencana

proposal tersebut dapat dibebaskan pelaksanaannya.
hereby declare that the proposal is exempted.

Ditetapkan di : Bandung
Issued in
Tanggal : 24-02-2020



Dr. Wella Hamayanti, dr., SpAK., M.Kes
NIP. 19630519 198712 2 001

Keterangan/notes:

Persetujuan etik ini berlaku selama satu tahun sejak tanggal ditetapkan.
This ethical clearance is effective for one year from the due date.

Pada akhir penelitian, laporan pelaksanaan penelitian harus diserahkan ke Komisi Etik Penelitian.

To the end of the research, progress and final summary report should be submitted to the Research Ethics Committee.

Jika ada perubahan atau penyimpangan protokol dan/atau perpanjangan penelitian, harus mengajukan kembali permohonan kajian etik penelitian.

If there be any protocol modification or deviation and/or extension of the study, the Principal Investigator is required to resubmit the protocol for approval.

Jika ada kejadian serius yang tidak diinginkan (KTD) harus segera dilaporkan ke Komisi Etik Penelitian.

If there are Serious Adverse Events (SAE) should be immediately reported to the Research Ethics Committee

Lampiran 2 Dokumentasi
Skrining Fitokimia dan Karakterisasi Simplisia Daun Katuk



(Pemberian Oral)



(Kandang Hewan Uji)

Lampiran 3 Perhitungan Dosis Larutan Pengujian

Rumus dosis:

$$\frac{\text{Dosis tikus (mL)} \times \text{BB tikus (g)}}{1000 \text{ gram}}$$

Perhitungan volume dosis yang diberikan:

$$\frac{\text{Dosis tikus (mg)}}{300 \text{ (mg)}} \times \text{volume dosis kelompok (mL)}$$

1. Pembuatan Larutan Dosis 300 mg/kg BB

- Tikus 1 (174 gram)

$$\begin{aligned} \text{Dosis tikus (mL)} &= \frac{0,3 \text{ g} \times 174 \text{ g}}{1000 \text{ gram}} \\ &= 0,0522 \text{ g} \\ &= 52,2 \text{ mg} \end{aligned}$$

$$\text{V. dosis} = \frac{52,2 \text{ mg}}{300 \text{ mg}} \times 20 \text{ mL} = 3,48 \text{ mL}$$

- Tikus 2 (170 gram)

$$\begin{aligned} \text{Dosis tikus (mL)} &= \frac{0,3 \text{ g} \times 170 \text{ g}}{1000 \text{ gram}} \\ &= 0,051 \text{ g} \\ &= 51 \text{ mg} \end{aligned}$$

$$\text{V. dosis} = \frac{51 \text{ mg}}{300 \text{ mg}} \times 20 \text{ mL} = 3,4 \text{ mL}$$

- Tikus 3 (168 gram)

$$\begin{aligned} \text{Dosis tikus (mL)} &= \frac{0,3 \text{ g} \times 168 \text{ g}}{1000 \text{ gram}} \\ &= 0,0504 \text{ g} \\ &= 50,4 \text{ mg} \end{aligned}$$

$$V. \text{ dosis} = \frac{50,4 \text{ mg}}{300 \text{ mg}} \times 20 \text{ mL} = 3,36 \text{ mL}$$

2. Pembuatan Larutan Dosis 2000 mg/kg BB

- Tikus 1 (184 gram)

$$\text{Dosis tikus (mL)} = \frac{2 \text{ g} \times 184 \text{ g}}{1000 \text{ gram}}$$

$$= 0,368 \text{ g}$$

$$= 368 \text{ mg}$$

$$V. \text{ dosis} = \frac{368 \text{ mg}}{2000 \text{ mg}} \times 20 \text{ mL} = 3,68 \text{ mL}$$

- Tikus 2 (167 gram)

$$\text{Dosis tikus (mL)} = \frac{2 \text{ g} \times 167 \text{ g}}{1000 \text{ gram}}$$

$$= 0,334 \text{ g}$$

$$= 334 \text{ mg}$$

$$V. \text{ dosis} = \frac{334 \text{ mg}}{2000 \text{ mg}} \times 20 \text{ mL} = 3,34 \text{ mL}$$

- Tikus 3 (185 gram)

$$\text{Dosis tikus (mL)} = \frac{2 \text{ g} \times 185 \text{ g}}{1000 \text{ gram}}$$

$$= 0,37 \text{ g}$$

$$= 370 \text{ mg}$$

$$V. \text{ dosis} = \frac{370 \text{ mg}}{2000 \text{ mg}} \times 20 \text{ mL} = 3,7 \text{ mL}$$

Lampiran 4 Hasil SPSS

Berat Badan
T0

Tests of Normality							
	Dosis	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
T0	kontrol normal	.385	3	.	.750	3	.000
	dosis 300	.253	3	.	.964	3	.637
	dosis 2000	.368	3	.	.792	3	.094
T30	kontrol normal	.385	3	.	.750	3	.000
	dosis 300	.253	3	.	.964	3	.637
	dosis 2000	.368	3	.	.792	3	.094
T60	kontrol normal	.385	3	.	.750	3	.000
	dosis 300	.253	3	.	.964	3	.637
	dosis 2000	.368	3	.	.792	3	.094
T120	kontrol normal	.385	3	.	.750	3	.000
	dosis 300	.253	3	.	.964	3	.637
	dosis 2000	.368	3	.	.792	3	.094
T240	kontrol normal	.385	3	.	.750	3	.000
	dosis 300	.253	3	.	.964	3	.637
	dosis 2000	.368	3	.	.792	3	.094
H1	kontrol normal	.385	3	.	.750	3	.000
	dosis 300	.253	3	.	.964	3	.637
	dosis 2000	.368	3	.	.792	3	.094

a. Lilliefors Significance Correction

Test of Homogeneity of Variances				
	Levene Statistic	df1	df2	Sig.
T0	5.776	2	6	.040
T30	5.776	2	6	.040
T60	5.776	2	6	.040
T120	5.776	2	6	.040
T240	5.776	2	6	.040
H1	5.776	2	6	.040

ANOVA						
		Sum of Squares	df	Mean Square	F	Sig.
T0	Between Groups	246.222	2	123.111	2.987	.126
	Within Groups	247.333	6	41.222		
	Total	493.556	8			
T30	Between Groups	246.222	2	123.111	2.987	.126
	Within Groups	247.333	6	41.222		
	Total	493.556	8			
T60	Between Groups	246.222	2	123.111	2.987	.126
	Within Groups	247.333	6	41.222		
	Total	493.556	8			
T120	Between Groups	246.222	2	123.111	2.987	.126
	Within Groups	247.333	6	41.222		
	Total	493.556	8			
T240	Between Groups	246.222	2	123.111	2.987	.126
	Within Groups	247.333	6	41.222		
	Total	493.556	8			
H1	Between Groups	246.222	2	123.111	2.987	.126
	Within Groups	247.333	6	41.222		
	Total	493.556	8			

Berat Badan

H2

Tests of Normality							
	Dosis	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
H2	kontrol normal	.385	3	.	.750	3	.000
	dosis 300	.219	3	.	.987	3	.780
	dosis 2000	.368	3	.	.792	3	.094
H3	kontrol normal	.385	3	.	.750	3	.000
	dosis 300	.385	3	.	.750	3	.000
	dosis 2000	.368	3	.	.792	3	.094
H4	kontrol normal	.385	3	.	.750	3	.000
	dosis 300	.385	3	.	.750	3	.000
	dosis 2000	.368	3	.	.792	3	.094
H5	kontrol normal	.385	3	.	.750	3	.000
	dosis 300	.385	3	.	.750	3	.000
	dosis 2000	.368	3	.	.792	3	.094
H6	kontrol normal	.385	3	.	.750	3	.000
	dosis 300	.385	3	.	.750	3	.000
	dosis 2000	.368	3	.	.792	3	.094
H7	kontrol normal	.328	3	.	.871	3	.298
	dosis 300	.385	3	.	.750	3	.000
	dosis 2000	.367	3	.	.794	3	.100

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
H2	6.500	2	6	.031
H3	4.894	2	6	.055
H4	4.894	2	6	.055
H5	4.894	2	6	.055
H6	4.894	2	6	.055
H7	4.679	2	6	.060

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
H2	Between Groups	248.667	2	124.333	3.091	.119
	Within Groups	241.333	6	40.222		
	Total	490.000	8			
H3	Between Groups	208.667	2	104.333	2.395	.172
	Within Groups	261.333	6	43.556		
	Total	470.000	8			
H4	Between Groups	208.667	2	104.333	2.395	.172
	Within Groups	261.333	6	43.556		
	Total	470.000	8			
H5	Between Groups	208.667	2	104.333	2.395	.172
	Within Groups	261.333	6	43.556		
	Total	470.000	8			
H6	Between Groups	208.667	2	104.333	2.395	.172
	Within Groups	261.333	6	43.556		
	Total	470.000	8			
H7	Between Groups	164.667	2	82.333	2.099	.204
	Within Groups	235.333	6	39.222		
	Total	400.000	8			

Berat Badan

H8

Tests of Normality							
	Dosis	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
H8	kontrol normal	.328	3	.	.871	3	.298
	dosis 300	.385	3	.	.750	3	.000
	dosis 2000	.367	3	.	.794	3	.100
H9	kontrol normal	.337	3	.	.855	3	.253
	dosis 300	.385	3	.	.750	3	.000
	dosis 2000	.368	3	.	.792	3	.094
H10	kontrol normal	.337	3	.	.855	3	.253
	dosis 300	.385	3	.	.750	3	.000
	dosis 2000	.368	3	.	.792	3	.094
H11	kontrol normal	.337	3	.	.855	3	.253
	dosis 300	.385	3	.	.750	3	.000
	dosis 2000	.368	3	.	.792	3	.094
H12	kontrol normal	.337	3	.	.855	3	.253
	dosis 300	.385	3	.	.750	3	.000
	dosis 2000	.368	3	.	.792	3	.094
H13	kontrol normal	.385	3	.	.750	3	.000
	dosis 300	.385	3	.	.750	3	.000
	dosis 2000	.368	3	.	.792	3	.094
H14	kontrol normal	.385	3	.	.750	3	.000
	dosis 300	.385	3	.	.750	3	.000
	dosis 2000	.351	3	.	.828	3	.183

a. Lilliefors Significance Correction

Test of Homogeneity of Variances				
	Levene Statistic	df1	df2	Sig.
H8	4.679	2	6	.060
H9	4.506	2	6	.064
H10	4.506	2	6	.064
H11	4.506	2	6	.064
H12	4.506	2	6	.064
H13	4.292	2	6	.070
H14	4.312	2	6	.069

ANOVA						
		Sum of Squares	df	Mean Square	F	Sig.
H8	Between Groups	164.667	2	82.333	2.099	.204
	Within Groups	235.333	6	39.222		
	Total	400.000	8			
H9	Between Groups	136.222	2	68.111	1.536	.289
	Within Groups	266.000	6	44.333		
	Total	402.222	8			
H10	Between Groups	136.222	2	68.111	1.536	.289
	Within Groups	266.000	6	44.333		
	Total	402.222	8			
H11	Between Groups	136.222	2	68.111	1.536	.289
	Within Groups	266.000	6	44.333		
	Total	402.222	8			
H12	Between Groups	136.222	2	68.111	1.536	.289
	Within Groups	266.000	6	44.333		
	Total	402.222	8			
H13	Between Groups	128.222	2	64.111	1.425	.312
	Within Groups	270.000	6	45.000		
	Total	398.222	8			
H14	Between Groups	108.667	2	54.333	1.151	.378
	Within Groups	283.333	6	47.222		
	Total	392.000	8			

Bobot Organ

ANOVA						
		Sum of Squares	df	Mean Square	F	Sig.
Bobot hati	Between Groups	7.350	2	3.675	3.737	.153
	Within Groups	2.950	3	.983		
	Total	10.300	5			
Bobot jantung	Between Groups	.035	2	.018	.369	.719
	Within Groups	.143	3	.048		
	Total	.178	5			
Bobot limpa	Between Groups	.158	2	.079	1.280	.396
	Within Groups	.186	3	.062		
	Total	.344	5			
Bobot ginjal	Between Groups	.027	2	.014	.666	.576
	Within Groups	.061	3	.020		
	Total	.089	5			
Bobot paru-paru	Between Groups	.092	2	.046	.301	.760
	Within Groups	.457	3	.152		
	Total	.548	5			

Multiple Comparisons

LSD

Dependent Variable	(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
bobothati	cmc	dos300	2.37000	.99164	.097	-.7858	5.5258
		dos2000	.04500	.99164	.967	-3.1108	3.2008
	dos300	cmc	-2.37000	.99164	.097	-5.5258	.7858
		dos2000	-2.32500	.99164	.101	-5.4808	.8308
	dos2000	cmc	-.04500	.99164	.967	-3.2008	3.1108
		dos300	2.32500	.99164	.101	-.8308	5.4808
bobotjantung	cmc	dos300	-.18000	.21821	.470	-.8744	.5144
		dos2000	-.04500	.21821	.850	-.7394	.6494
	dos300	cmc	.18000	.21821	.470	-.5144	.8744
		dos2000	.13500	.21821	.580	-.5594	.8294
	dos2000	cmc	.04500	.21821	.850	-.6494	.7394
		dos300	-.13500	.21821	.580	-.8294	.5594
bobotlimpa	cmc	dos300	.39500	.24876	.211	-.3967	1.1867
		dos2000	.24000	.24876	.406	-.5517	1.0317
	dos300	cmc	-.39500	.24876	.211	-1.1867	.3967
		dos2000	-.15500	.24876	.577	-.9467	.6367
	dos2000	cmc	-.24000	.24876	.406	-1.0317	.5517
		dos300	.15500	.24876	.577	-.6367	.9467
bobotginjal	cmc	dos300	.15000	.14312	.372	-.3055	.6055
		dos2000	.01500	.14312	.923	-.4405	.4705
	dos300	cmc	-.15000	.14312	.372	-.6055	.3055
		dos2000	-.13500	.14312	.415	-.5905	.3205
	dos2000	cmc	-.01500	.14312	.923	-.4705	.4405
		dos300	.13500	.14312	.415	-.3205	.5905
bobotpankreas	cmc	dos300	-.22000	.39011	.612	-1.4615	1.0215
		dos2000	-.29000	.39011	.511	-1.5315	.9515
	dos300	cmc	.22000	.39011	.612	-1.0215	1.4615
		dos2000	-.07000	.39011	.869	-1.3115	1.1715
	dos2000	cmc	.29000	.39011	.511	-.9515	1.5315
		dos300	.07000	.39011	.869	-1.1715	1.3115

Grooming

Test of Homogeneity of Variances

	<u>Levene</u> Statistic	df1	df2	Sig.
T0	.	2	.	.
T30	8.000	2	6	.020
T60	8.000	2	6	.020
T120	8.000	2	6	.020
T240	16.000	2	6	.004
H1	.	2	.	.
H2	.	2	.	.
H3	.	2	.	.
H4	.	2	.	.
H5	.	2	.	.
H6	.	2	.	.
H7	.	2	.	.
H8	.	2	.	.
H9	.	2	.	.
H10	.	2	.	.
H11	.	2	.	.
H12	.	2	.	.
H13	.	2	.	.
H14	.	2	.	.

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
T0	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
T30	Between Groups	4.667	2	2.333	10.500	.011
	Within Groups	1.333	6	.222		
	Total	6.000	8			
T60	Between Groups	10.889	2	5.444	24.500	.001
	Within Groups	1.333	6	.222		
	Total	12.222	8			
T120	Between Groups	14.222	2	7.111	32.000	.001
	Within Groups	1.333	6	.222		
	Total	15.556	8			
T240	Between Groups	11.556	2	5.778	52.000	.000
	Within Groups	.667	6	.111		
	Total	12.222	8			
H1	Between Groups	2.000	2	1.000	.	.
	Within Groups	.000	6	.000		
	Total	2.000	8			
H2	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
H3	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
H4	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
H5	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		

Multiple Comparisons LSD

Dependent Variable	(I) dosis	(J) dosis	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
T30	kontrol normal	dosis 300 mg	-1.33333 [*]	.38490	.013	-2.2752	-.3915
		dosis 2000 mg	-1.66667 [*]	.38490	.005	-2.6085	-.7248
	dosis 300 mg	kontrol normal	1.33333 [*]	.38490	.013	.3915	2.2752
		dosis 2000 mg	-.33333	.38490	.420	-1.2752	.6085
	dosis 2000 mg	kontrol normal	1.66667 [*]	.38490	.005	.7248	2.6085
		dosis 300 mg	.33333	.38490	.420	-.6085	1.2752
T60	kontrol normal	dosis 300 mg	-2.33333 [*]	.38490	.001	-3.2752	-1.3915
		dosis 2000 mg	-2.33333 [*]	.38490	.001	-3.2752	-1.3915
	dosis 300 mg	kontrol normal	2.33333 [*]	.38490	.001	1.3915	3.2752
		dosis 2000 mg	.00000	.38490	1.000	-.9418	.9418
	dosis 2000 mg	kontrol normal	2.33333 [*]	.38490	.001	1.3915	3.2752
		dosis 300 mg	.00000	.38490	1.000	-.9418	.9418
T120	kontrol normal	dosis 300 mg	-2.66667 [*]	.38490	.000	-3.6085	-1.7248
		dosis 2000 mg	-2.66667 [*]	.38490	.000	-3.6085	-1.7248
	dosis 300 mg	kontrol normal	2.66667 [*]	.38490	.000	1.7248	3.6085
		dosis 2000 mg	.00000	.38490	1.000	-.9418	.9418
	dosis 2000 mg	kontrol normal	2.66667 [*]	.38490	.000	1.7248	3.6085
		dosis 300 mg	.00000	.38490	1.000	-.9418	.9418
T240	kontrol normal	dosis 300 mg	-2.00000 [*]	.27217	.000	-2.6680	-1.3340
		dosis 2000 mg	-2.66667 [*]	.27217	.000	-3.3326	-2.0007
	dosis 300 mg	kontrol normal	2.00000 [*]	.27217	.000	1.3340	2.6680
		dosis 2000 mg	-.66667 [*]	.27217	.050	-1.3326	-.0007
	dosis 2000 mg	kontrol normal	2.66667 [*]	.27217	.000	2.0007	3.3326
		dosis 300 mg	.66667 [*]	.27217	.050	.0007	1.3326

Menggantung

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
T0	.	2	.	.
T30	16.000	2	6	.004
T60	8.000	2	6	.020
T120	8.000	2	6	.020
T240	9.600	2	6	.013
H1	.	2	.	.
H2	.	2	.	.
H3	.	2	.	.
H4	.	2	.	.
H5	.	2	.	.
H6	.	2	.	.
H7	.	2	.	.
H8	.	2	.	.
H9	.	2	.	.
H10	.	2	.	.
H11	.	2	.	.
H12	.	2	.	.
H13	.	2	.	.
H14	.	2	.	.

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
T0	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
T30	Between Groups	2.889	2	1.444	13.000	.007
	Within Groups	.667	6	.111		
	Total	3.556	8			
T60	Between Groups	5.556	2	2.778	12.500	.007
	Within Groups	1.333	6	.222		
	Total	6.889	8			
T120	Between Groups	4.667	2	2.333	10.500	.011
	Within Groups	1.333	6	.222		
	Total	6.000	8			
T240	Between Groups	5.556	2	2.778	5.000	.053
	Within Groups	3.333	6	.556		
	Total	8.889	8			
H1	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
H2	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
H3	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
H4	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			

Multiple Comparisons LSD

Dependent Variable	(I) dosis	(J) dosis	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
T30	kontrol normal	dosis 300 mg	1.00000 [*]	.27217	.010	.3340	1.6660
		dosis 2000 mg	1.33333 [*]	.27217	.003	.6674	1.9993
	dosis 300 mg	kontrol normal	-1.00000 [*]	.27217	.010	-1.6660	-.3340
		dosis 2000 mg	.33333	.27217	.267	-.3326	.9993
	dosis 2000 mg	kontrol normal	-1.33333 [*]	.27217	.003	-1.9993	-.6674
		dosis 300 mg	-.33333	.27217	.267	-.9993	.3326
T60	kontrol normal	dosis 300 mg	1.66667 [*]	.38490	.005	.7248	2.6085
		dosis 2000 mg	1.66667 [*]	.38490	.005	.7248	2.6085
	dosis 300 mg	kontrol normal	-1.66667 [*]	.38490	.005	-2.6085	-.7248
		dosis 2000 mg	.00000	.38490	1.000	-.9418	.9418
	dosis 2000 mg	kontrol normal	-1.66667 [*]	.38490	.005	-2.6085	-.7248
		dosis 300 mg	.00000	.38490	1.000	-.9418	.9418
T120	kontrol normal	dosis 300 mg	1.33333 [*]	.38490	.013	.3915	2.2752
		dosis 2000 mg	1.66667 [*]	.38490	.005	.7248	2.6085
	dosis 300 mg	kontrol normal	-1.33333 [*]	.38490	.013	-2.2752	-.3915
		dosis 2000 mg	.33333	.38490	.420	-.6085	1.2752
	dosis 2000 mg	kontrol normal	-1.66667 [*]	.38490	.005	-2.6085	-.7248
		dosis 300 mg	-.33333	.38490	.420	-1.2752	.6085
T240	kontrol normal	dosis 300 mg	1.66667 [*]	.60858	.034	.1775	3.1558
		dosis 2000 mg	1.66667 [*]	.60858	.034	.1775	3.1558
	dosis 300 mg	kontrol normal	-1.66667 [*]	.60858	.034	-3.1558	-.1775
		dosis 2000 mg	.00000	.60858	1.000	-1.4891	1.4891
	dosis 2000 mg	kontrol normal	-1.66667 [*]	.60858	.034	-3.1558	-.1775
		dosis 300 mg	.00000	.60858	1.000	-1.4891	1.4891

Reflex Pineal

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
T0	.	2	.	.
T30	8.000	2	6	.020
T60	8.000	2	6	.020
T120	16.000	2	6	.004
T240	16.000	2	6	.004
H1	.	2	.	.
H2	.	2	.	.
H3	.	2	.	.
H4	.	2	.	.
H5	.	2	.	.
H6	.	2	.	.
H7	.	2	.	.
H8	.	2	.	.
H9	.	2	.	.
H10	.	2	.	.
H11	.	2	.	.
H12	.	2	.	.
H13	.	2	.	.
H14	.	2	.	.

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
T0	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
T30	Between Groups	4.667	2	2.333	10.500	.011
	Within Groups	1.333	6	.222		
	Total	6.000	8			
T60	Between Groups	4.667	2	2.333	10.500	.011
	Within Groups	1.333	6	.222		
	Total	6.000	8			
T120	Between Groups	2.889	2	1.444	13.000	.007
	Within Groups	.667	6	.111		
	Total	3.556	8			
T240	Between Groups	4.222	2	2.111	19.000	.003
	Within Groups	.667	6	.111		
	Total	4.889	8			
H1	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
H2	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
H3	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			

Multiple Comparisons LSD

Dependent Variable	(I) Dosis	(J) Dosis	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
T30	kontrol normal	dosis 300 mg	1.33333 [*]	.38490	.013	.3915	2.2752
		dosis 2000 mg	1.66667 [*]	.38490	.005	.7248	2.6085
	dosis 300 mg	kontrol normal	-1.33333 [*]	.38490	.013	-2.2752	-.3915
		dosis 2000 mg	.33333	.38490	.420	-.6085	1.2752
	dosis 2000 mg	kontrol normal	-1.66667 [*]	.38490	.005	-2.6085	-.7248
		dosis 300 mg	-.33333	.38490	.420	-1.2752	.6085
T60	kontrol normal	dosis 300 mg	1.33333 [*]	.38490	.013	.3915	2.2752
		dosis 2000 mg	1.66667 [*]	.38490	.005	.7248	2.6085
	dosis 300 mg	kontrol normal	-1.33333 [*]	.38490	.013	-2.2752	-.3915
		dosis 2000 mg	.33333	.38490	.420	-.6085	1.2752
	dosis 2000 mg	kontrol normal	-1.66667 [*]	.38490	.005	-2.6085	-.7248
		dosis 300 mg	-.33333	.38490	.420	-1.2752	.6085
T120	kontrol normal	dosis 300 mg	1.00000 [*]	.27217	.010	.3340	1.6660
		dosis 2000 mg	1.33333 [*]	.27217	.003	.6674	1.9993
	dosis 300 mg	kontrol normal	-1.00000 [*]	.27217	.010	-1.6660	-.3340
		dosis 2000 mg	.33333	.27217	.287	-.3326	.9993
	dosis 2000 mg	kontrol normal	-1.33333 [*]	.27217	.003	-1.9993	-.6674
		dosis 300 mg	-.33333	.27217	.287	-.9993	.3326
T240	kontrol normal	dosis 300 mg	1.00000 [*]	.27217	.010	.3340	1.6660
		dosis 2000 mg	1.66667 [*]	.27217	.001	1.0007	2.3326
	dosis 300 mg	kontrol normal	-1.00000 [*]	.27217	.010	-1.6660	-.3340
		dosis 2000 mg	.66667 [*]	.27217	.050	.0007	1.3326
	dosis 2000 mg	kontrol normal	-1.66667 [*]	.27217	.001	-2.3326	-1.0007
		dosis 300 mg	-.66667 [*]	.27217	.050	-1.3326	-.0007

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

Reflex Kornea

Test of Homogeneity of Variances				
	Levene Statistic	df1	df2	Sig.
T0	.	2	.	.
T30	8.000	2	6	.020
T60	8.000	2	6	.020
T120	16.000	2	6	.004
T240	16.000	2	6	.004
H1	.	2	.	.
H2	.	2	.	.
H3	.	2	.	.
H4	.	2	.	.
H5	.	2	.	.
H6	.	2	.	.
H7	.	2	.	.
H8	.	2	.	.
H9	.	2	.	.
H10	.	2	.	.
H11	.	2	.	.
H12	.	2	.	.
H13	.	2	.	.
H14	.	2	.	.

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
T0	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
T30	Between Groups	4.667	2	2.333	10.500	.011
	Within Groups	1.333	6	.222		
	Total	6.000	8			
T60	Between Groups	4.667	2	2.333	10.500	.011
	Within Groups	1.333	6	.222		
	Total	6.000	8			
T120	Between Groups	6.889	2	3.444	31.000	.001
	Within Groups	.667	6	.111		
	Total	7.556	8			
T240	Between Groups	2.889	2	1.444	13.000	.007
	Within Groups	.667	6	.111		
	Total	3.556	8			
H1	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
H2	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
H3	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
H4	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			

Multiple Comparisons

LSD

Dependent Variable	(I) Dosis	(J) Dosis	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
T30	kontrol normal	dosis 300 mg	1.33333 [*]	.38490	.013	.3915	2.2752
		dosis 2000 mg	1.66667 [*]	.38490	.005	.7248	2.6085
	dosis 300 mg	kontrol normal	-1.33333 [*]	.38490	.013	-2.2752	-.3915
		dosis 2000 mg	.33333	.38490	.420	-.6085	1.2752
	dosis 2000 mg	kontrol normal	-1.66667 [*]	.38490	.005	-2.6085	-.7248
		dosis 300 mg	-.33333	.38490	.420	-1.2752	.6085
T60	kontrol normal	dosis 300 mg	1.33333 [*]	.38490	.013	.3915	2.2752
		dosis 2000 mg	1.66667 [*]	.38490	.005	.7248	2.6085
	dosis 300 mg	kontrol normal	-1.33333 [*]	.38490	.013	-2.2752	-.3915
		dosis 2000 mg	.33333	.38490	.420	-.6085	1.2752
	dosis 2000 mg	kontrol normal	-1.66667 [*]	.38490	.005	-2.6085	-.7248
		dosis 300 mg	-.33333	.38490	.420	-1.2752	.6085
T120	kontrol normal	dosis 300 mg	1.66667 [*]	.27217	.001	1.0007	2.3326
		dosis 2000 mg	2.00000 [*]	.27217	.000	1.3340	2.6680
	dosis 300 mg	kontrol normal	-1.66667 [*]	.27217	.001	-2.3326	-1.0007
		dosis 2000 mg	.33333	.27217	.267	-.3326	.9993
	dosis 2000 mg	kontrol normal	-2.00000 [*]	.27217	.000	-2.6680	-1.3340
		dosis 300 mg	-.33333	.27217	.267	-.9993	.3326
T240	kontrol normal	dosis 300 mg	1.00000 [*]	.27217	.010	.3340	1.6680
		dosis 2000 mg	1.33333 [*]	.27217	.003	.6674	1.9993
	dosis 300 mg	kontrol normal	-1.00000 [*]	.27217	.010	-1.6680	-.3340
		dosis 2000 mg	.33333	.27217	.267	-.3326	.9993
	dosis 2000 mg	kontrol normal	-1.33333 [*]	.27217	.003	-1.9993	-.6674
		dosis 300 mg	-.33333	.27217	.267	-.9993	.3326

Rasa Ingin Tahu

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
T0	.	2	.	.
T30	16.000	2	6	.004
T60	9.600	2	6	.013
T120	16.000	2	6	.004
T240	16.000	2	6	.004
H1	.	2	.	.
H2	.	2	.	.
H3	.	2	.	.
H4	.	2	.	.
H5	.	2	.	.
H6	.	2	.	.
H7	.	2	.	.
H8	.	2	.	.
H9	.	2	.	.
H10	.	2	.	.
H11	.	2	.	.
H12	.	2	.	.
H13	.	2	.	.
H14	.	2	.	.

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
T0	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
T30	Between Groups	4.222	2	2.111	19.000	.003
	Within Groups	.667	6	.111		
	Total	4.889	8			
T60	Between Groups	8.667	2	4.333	7.800	.021
	Within Groups	3.333	6	.556		
	Total	12.000	8			
T120	Between Groups	4.222	2	2.111	19.000	.003
	Within Groups	.667	6	.111		
	Total	4.889	8			
T240	Between Groups	4.222	2	2.111	19.000	.003
	Within Groups	.667	6	.111		
	Total	4.889	8			
H1	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
H2	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			
H3	Between Groups	.000	2	.000	.	.
	Within Groups	.000	6	.000		
	Total	.000	8			

Multiple Comparisons LSD

Dependent Variable	(I) Dosis	(J) Dosis	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
T30	kontrol normal	dosis 300 mg	1.00000 [*]	.27217	.010	.3340	1.6680
		dosis 2000 mg	1.66667 [*]	.27217	.001	1.0007	2.3326
	dosis 300 mg	kontrol normal	-1.00000 [*]	.27217	.010	-1.6680	-.3340
		dosis 2000 mg	.66667 [*]	.27217	.050	.0007	1.3326
	dosis 2000 mg	kontrol normal	-1.66667 [*]	.27217	.001	-2.3326	-1.0007
		dosis 300 mg	-.66667 [*]	.27217	.050	-1.3326	-.0007
T60	kontrol normal	dosis 300 mg	1.66667 [*]	.60858	.034	.1775	3.1558
		dosis 2000 mg	2.33333 [*]	.60858	.009	.8442	3.8225
	dosis 300 mg	kontrol normal	-1.66667 [*]	.60858	.034	-3.1558	-.1775
		dosis 2000 mg	.66667	.60858	.315	-.8225	2.1558
	dosis 2000 mg	kontrol normal	-2.33333 [*]	.60858	.009	-3.8225	-.8442
		dosis 300 mg	-.66667	.60858	.315	-2.1558	.8225
T120	kontrol normal	dosis 300 mg	1.00000 [*]	.27217	.010	.3340	1.6680
		dosis 2000 mg	1.66667 [*]	.27217	.001	1.0007	2.3326
	dosis 300 mg	kontrol normal	-1.00000 [*]	.27217	.010	-1.6680	-.3340
		dosis 2000 mg	.66667 [*]	.27217	.050	.0007	1.3326
	dosis 2000 mg	kontrol normal	-1.66667 [*]	.27217	.001	-2.3326	-1.0007
		dosis 300 mg	-.66667 [*]	.27217	.050	-1.3326	-.0007
T240	kontrol normal	dosis 300 mg	1.00000 [*]	.27217	.010	.3340	1.6680
		dosis 2000 mg	1.66667 [*]	.27217	.001	1.0007	2.3326
	dosis 300 mg	kontrol normal	-1.00000 [*]	.27217	.010	-1.6680	-.3340
		dosis 2000 mg	.66667 [*]	.27217	.050	.0007	1.3326
	dosis 2000 mg	kontrol normal	-1.66667 [*]	.27217	.001	-2.3326	-1.0007
		dosis 300 mg	-.66667 [*]	.27217	.050	-1.3326	-.0007

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

Histopatologi Ginjal

Tests of Normality

		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
skoring histopatologi ginjal	perlakuan hewan kontrol cmc	.343	5	.054	.741	5	.025
	dosis 300	.345	5	.051	.737	5	.022
	dosis 2000	.270	5	.200 [*]	.845	5	.178

Test of Homogeneity of Variances

skoring histopatologi ginjal

Levene Statistic	df1	df2	Sig.
.016	2	12	.984

ANOVA

skoring histopatologi ginjal

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2394.533	2	1197.267	.336	.721
Within Groups	42770.400	12	3564.200		
Total	45164.933	14			

Multiple Comparisons

Dependent Variable: skoring histopatologi ginjal

LSD

		Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
(I) perlakuan hewan	(J) perlakuan hewan				Lower Bound	Upper Bound
kontrol cmc	dosis 300	.40000	37.75818	.992	-81.8680	82.6680
	dosis 2000	-26.60000	37.75818	.495	-108.8680	55.6680
dosis 300	kontrol cmc	-.40000	37.75818	.992	-82.6680	81.8680
	dosis 2000	-27.00000	37.75818	.488	-109.2680	55.2680
dosis 2000	kontrol cmc	26.60000	37.75818	.495	-55.6680	108.8680
	dosis 300	27.00000	37.75818	.488	-55.2680	109.2680

Histopatologi Hati

Tests of Normality

		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
skoring histopatologi hati	perlakuan hewan kontrol cmc	.410	5	.006	.646	5	.002
	dosis 300	.459	5	.001	.583	5	.000
	dosis 2000	.300	5	.161	.813	5	.103

Test of Homogeneity of Variances

skoring histopatologi hati

Levene Statistic	df1	df2	Sig.
3.431	2	12	.066

ANOVA

skoring histopatologi hati

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	332.400	2	166.200	.497	.620
Within Groups	4010.000	12	334.167		
Total	4342.400	14			

Multiple Comparisons

Dependent Variable: skoring histopatologi hati

LSD

		Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
(I) perlakuan hewan	(J) perlakuan hewan				Lower Bound	Upper Bound
kontrol cmc	dosis 300	-7.20000	11.56143	.545	-32.3902	17.9902
	dosis 2000	4.20000	11.56143	.723	-20.9902	29.3902
dosis 300	kontrol cmc	7.20000	11.56143	.545	-17.9902	32.3902
	dosis 2000	11.40000	11.56143	.344	-13.7902	36.5902
dosis 2000	kontrol cmc	-4.20000	11.56143	.723	-29.3902	20.9902
	dosis 300	-11.40000	11.56143	.344	-36.5902	13.7902

ORIGINALITY REPORT

21%

SIMILARITY INDEX

20%

INTERNET SOURCES

8%

PUBLICATIONS

8%

STUDENT PAPERS

PRIMARY SOURCES

1

www.scribd.com

Internet Source

1%

2

text-id.123dok.com

Internet Source

1%

3

media.neliti.com

Internet Source

1%

4

idoc.pub

Internet Source

1%

5

id.123dok.com

Internet Source

1%

6

Submitted to Sriwijaya University

Student Paper

1%

7

core.ac.uk

Internet Source

1%

8

edoc.pub

Internet Source

1%

9

123dok.com

Internet Source

1%

10	repository.ub.ac.id Internet Source	1 %
11	repository.uinjkt.ac.id Internet Source	1 %
12	caridokumen.com Internet Source	<1 %
13	repositori.usu.ac.id Internet Source	<1 %
14	jbioua.fmipa.unand.ac.id Internet Source	<1 %
15	eprints.undip.ac.id Internet Source	<1 %
16	repository.usd.ac.id Internet Source	<1 %
17	Submitted to Universitas Dian Nuswantoro Student Paper	<1 %
18	Submitted to Universitas Negeri Surabaya The State University of Surabaya Student Paper	<1 %
19	www.neliti.com Internet Source	<1 %
20	eprints.itn.ac.id Internet Source	<1 %

repository.unisba.ac.id

21	Internet Source	<1 %
22	ejurnal.setiabudi.ac.id Internet Source	<1 %
23	repository.uhamka.ac.id Internet Source	<1 %
24	Submitted to Universitas Hasanuddin Student Paper	<1 %
25	journal.ugm.ac.id Internet Source	<1 %
26	Submitted to Universitas PGRI Semarang Student Paper	<1 %
27	id.scribd.com Internet Source	<1 %
28	pt.scribd.com Internet Source	<1 %
29	eprints.umm.ac.id Internet Source	<1 %
30	docobook.com Internet Source	<1 %
31	repository.setiabudi.ac.id Internet Source	<1 %
32	Submitted to Bentley College Student Paper	<1 %

33	Submitted to Padjadjaran University Student Paper	<1 %
34	Submitted to Universitas Jenderal Achmad Yani Student Paper	<1 %
35	edepot.wur.nl Internet Source	<1 %
36	repositori.uin-alauddin.ac.id Internet Source	<1 %
37	eprints.umk.ac.id Internet Source	<1 %
38	jurnal.untan.ac.id Internet Source	<1 %
39	www.efsa.europa.eu Internet Source	<1 %
40	journal.unpak.ac.id Internet Source	<1 %
41	journals.sagepub.com Internet Source	<1 %
42	fmipa.uniga.ac.id Internet Source	<1 %
43	Ariyanti Ariyanti, Eni Masruriati, Rhyra Angellia. "Perbandingan Mutu Ekstrak Daun Dan Kulit Batang Tanaman Kelor(Moringa Oleifera)Dari	<1 %

Langenharjo Kendal", Cendekia Journal of Pharmacy, 2019

Publication

44	unsri.portalgaruda.org Internet Source	<1 %
45	Submitted to Doral Academy High School Student Paper	<1 %
46	Stuart Creton, Ian C. Dewhurst, Lesley K. Earl, Sean C. Gehen et al. "Acute toxicity testing of chemicals—Opportunities to avoid redundant testing and use alternative approaches", Critical Reviews in Toxicology, 2009 Publication	<1 %
47	Submitted to Universitas Indonesia Student Paper	<1 %
48	Submitted to Universitas Jenderal Soedirman Student Paper	<1 %
49	Submitted to Universitas Muhammadiyah Surakarta Student Paper	<1 %
50	jurnal-pharmaconmw.com Internet Source	<1 %
51	jurnal.ugm.ac.id Internet Source	<1 %
52	repository.its.ac.id	

53

vdocuments.mx

Internet Source

<1 %

54

Siska Toloan Toloan, Harimat Hendarwan.
"Pengaruh Senam Nifas terhadap Penurunan
Tinggi Fundus Uteri dan Lochea pada Ibu Pasca
Bersalin yang Mendapatkan Inisiasi Menyusu
Dini dan Mobilisasi Dini", Jurnal Ilmiah
Kesehatan, 2020

Publication

<1 %

55

www.slideshare.net

Internet Source

<1 %

56

jurnal.unimed.ac.id

Internet Source

<1 %

57

karyailmiah.unisba.ac.id

Internet Source

<1 %

58

www.komentarmu.com

Internet Source

<1 %

59

Moh Iqbal Setiawan. "Ekstrak Daun Kersen
(Muntingia calabura L.) Mencegah Kerusakan
Mukosa Duodenum Tikus Wistar Yang Dipapar
Etanol 40%", Herb-Medicine Journal, 2020

Publication

<1 %

60

etheses.uin-malang.ac.id

<1 %

61

fr.scribd.com

Internet Source

<1 %

62

garuda.ristekbrin.go.id

Internet Source

<1 %

63

psr.ui.ac.id

Internet Source

<1 %

64

worldwidescience.org

Internet Source

<1 %

65

A Abdullah, Nurjanah, A V Seulalae. "Antioxidant activity of biopigment fractions from golden apple snail eggs ", IOP Conference Series: Earth and Environmental Science, 2019

Publication

<1 %

66

Mahidin Mahidin, Andi Muh Maulana, Susiyadi Susiyadi. "PENGARUH PEMBERIAN EKSTRAK ETANOL DAUN KEMANGI (*Ocimum basilicum* L.) TERHADAP JUMLAH SEL SPERMATOGENIK TIKUS PUTIH (*Rattus norvegicus*) GALUR WISTAR JANTAN YANG DIINDUKSI MONOSODIUM GLUTAMAT", Herb-Medicine Journal, 2018

Publication

<1 %

67

Submitted to Universitas Muhammadiyah

<1 %

68

es.scribd.com

Internet Source

<1 %

69

lengka1990.blogspot.com

Internet Source

<1 %

70

obatherbal4u.com

Internet Source

<1 %

71

pharmed.zsmu.edu.ua

Internet Source

<1 %

72

repository.uin-suska.ac.id

Internet Source

<1 %

73

repository.uinsu.ac.id

Internet Source

<1 %

74

repository.unhas.ac.id

Internet Source

<1 %

75

www.dtic.mil

Internet Source

<1 %

76

Lovera Anggraini, Deri Islami. "Optimalisasi Pemanfaatan Ekstrak Daun Siamih (*Ageratum conyzoides* L) sebagai Antioksidan pada Tubuh Manusia menggunakan Metode DPPH", Journal of The Indonesian Society of Integrated Chemistry, 2021

Publication

<1 %

77

Rifda Naufa Lina, Sofiyatul Nurul Jannah. "Uji Efektivitas Ekstrak Etanol Daun Bugenvil (*Bougenvillea Spectabilis*) terhadap Penurunan Kadar Kolestrol Total Mencit Yang di Induksi Pakan Tinggi Lemak", Biomedika, 2019

Publication

<1 %

78

www.nap.edu

Internet Source

<1 %

79

Devi Safrina. "PENGARUH KETINGGIAN TEMPAT TUMBUH DAN METODE PENGERINGAN TERHADAP ORGANOLEPTIK DAN KADAR ASIATIKOSID PEGAGAN (*Centella asiatica* (L) Urb)", Jurnal Teknik Pertanian Lampung (Journal of Agricultural Engineering), 2019

Publication

<1 %

80

Faizah Attamimi Nuha, Asri Mutiara Putri, Nia Triswanti. "HUBUNGAN ANTARA KARAKTERISTIK ORANG TUA DENGAN STRES PENGASUHAN PADA ORANG TUA ANAK GANGGUAN SPEKTRUM AUTISME", Jurnal Psikologi Malahayati, 2020

Publication

<1 %

81

jurnal.uimedan.ac.id

Internet Source

<1 %

82

profood.unram.ac.id

Internet Source

<1 %

Exclude quotes	Off
Exclude bibliography	Off

Exclude matches	Off
-----------------	-----