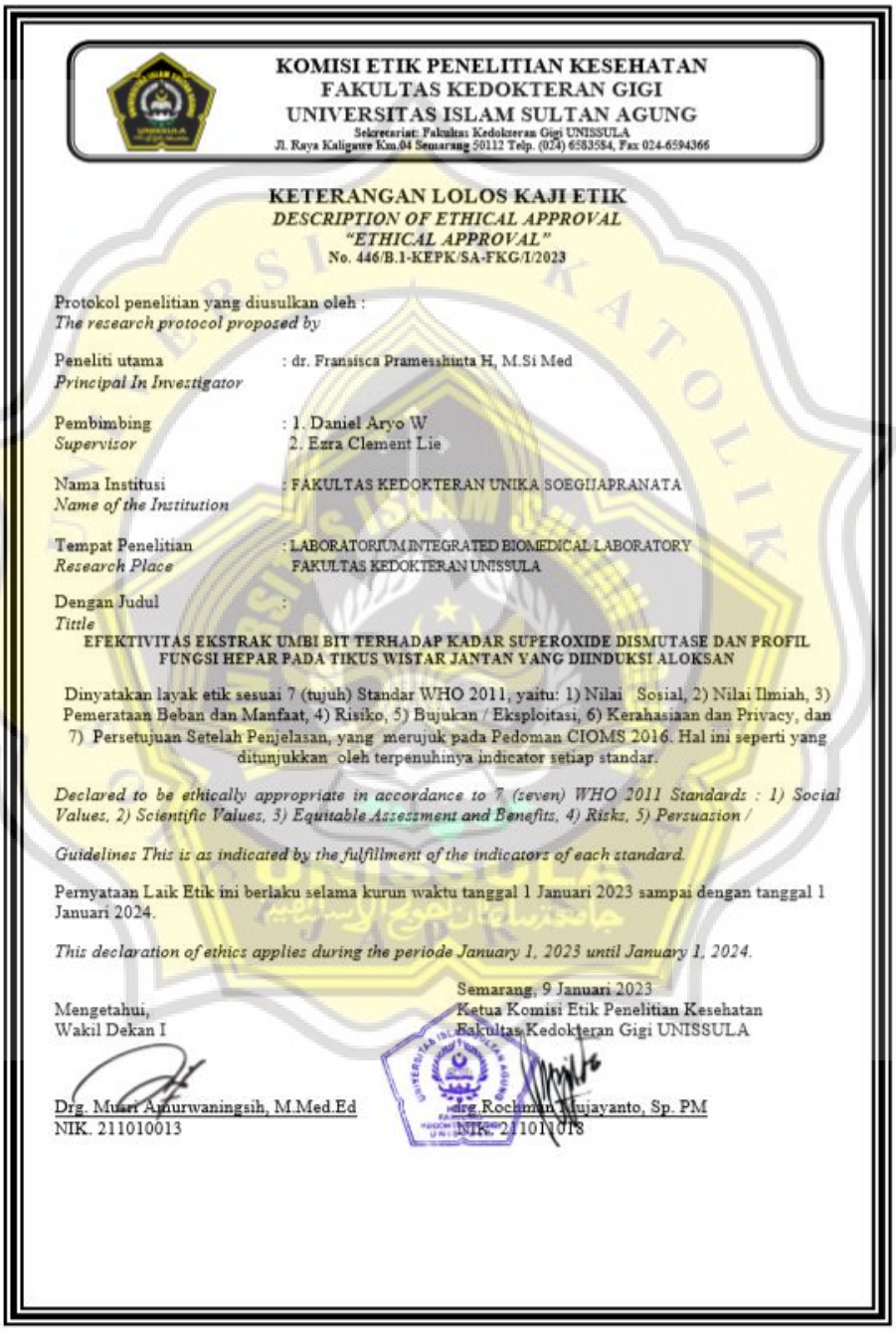
LAMPIRAN

Lampiran 1. Ethical Clearance



KOMISI ETIK PENELITIAN KESEHATAN
FAKULTAS KEDOKTERAN GIGI
UNIVERSITAS ISLAM SULTAN AGUNG
Sekretariat: Fakultas Kedokteran Gigi UNISSULA
Jl. Raya Kaligawe Km.04 Semarang 50112 Telp. (024) 6583584, Fax 024-6594366

KETERANGAN LOLOS KAJI ETIK
DESCRIPTION OF ETHICAL APPROVAL
"ETHICAL APPROVAL"
No. 446/B.1-KEPK/SA-FKG/I/2023

Protokol penelitian yang diusulkan oleh :
The research protocol proposed by

Peneliti utama : dr. Fransisca Pramesshinta H, M.Si Med
Principal In Investigator

Pembimbing : 1. Daniel Aryo W
Supervisor 2. Ezra Clement Lie

Nama Institusi : FAKULTAS KEDOKTERAN UNIKA SOEGIJAPRANATA
Name of the Institution

Tempat Penelitian : LABORATORIUM INTEGRATED BIOMEDICAL LABORATORY
Research Place FAKULTAS KEDOKTERAN UNISSULA

Dengan Judul :
Tittle
EFEKTIVITAS EKSTRAK UMBI BIT TERHADAP KADAR SUPEROXIDE DISMUTASE DAN PROFIL FUNGSI HEPAR PADA TIKUS WISTAR JANTAN YANG DIINDUKSI ALOKSAN

Dinyatakan layak etik sesuai 7 (tujuh) Standar WHO 2011, yaitu: 1) Nilai Sosial, 2) Nilai Ilmiah, 3) Pemerataan Beban dan Manfaat, 4) Risiko, 5) Bujukan / Eksploitasi, 6) Kerahasiaan dan Privacy, dan 7) Persetujuan Setelah Penjelasan, yang merujuk pada Pedoman CIOMS 2016. Hal ini seperti yang ditunjukkan oleh terpenuhinya indicator setiap standar.

Declared to be ethically appropriate in accordance to 7 (seven) WHO 2011 Standards : 1) Social Values, 2) Scientific Values, 3) Equitable Assessment and Benefits, 4) Risks, 5) Persuasion / Guidelines This is as indicated by the fulfillment of the indicators of each standard.

Pernyataan Laik Etik ini berlaku selama kurun waktu tanggal 1 Januari 2023 sampai dengan tanggal 1 Januari 2024.

This declaration of ethicz applies during the periode January 1, 2023 until January 1, 2024.

Semarang, 9 Januari 2023
Ketua Komisi Etik Penelitian Kesehatan
Fakultas Kedokteran Gigi UNISSULA

Mengetahui,
Wakil Dekan I

Drg. Muari Atmurwaningsih, M.Med.Ed
NIK. 211010013

dr. Rochman Hujayanto, Sp. PM
NIK. 211011018

Lampiran 2. Surat Izin Penelitian

FAKULTAS KEDOKTERAN

Unika SOEGIJAPRANATA

Jl. Pawiyatan Luhur IV/1 Bendan Duwur Semarang 50234
Telp. (024) 8441555,8505003(hunting) Fax.(024) 8415429 - 8445265
e-mail:unika@unika.ac.id http://www.unika.ac.id

Nomor : 0146/B.7.3/FK/XI/2022 17 November 2022
Lampiran : -
Perihal : Permohonan Ijin Mencari Data

Kepada Yth
Bapak/Ibu
Kepala Laboratorium IBL UNISSULA
di Tempat

Dengan Hormat,

Melalui surat ini kami memberitahukan bahwa mahasiswa Fakultas Kedokteran Unika Soegijapranata dibawah ini bermaksud mengadakan penelitian/ mencari data untuk keperluan skripsi.

Nama : Daniel Aryo Wibowo
NIM : 19.P1.0029
Alamat :Sragen RT /RW 18/06 Sragen Wetan, Sragen
Judul Penelitian : "Efektivitas Ekstrak Umbi Bit (*Beta Vulgaris L*) Terhadap Profil Fungsi Hepar pada Tikus Putih (*Rattus Novergicus*) Jantan Galur Wistar yang Diinduksi Aloksan"
Dosen Pembimbing : 1. dr. Fransisca Pramesshinta Hardimarta, M.Si.Med
2. Ferdinandus Krisna Pukan, S.Si.,M.Sc

Waktu Penelitian : November-Desember 2022

Sehubungan dengan hal tersebut, kami mohon kiranya dapat diberikan ijin kepada mahasiswa yang bersangkutan untuk mengadakan penelitian/mencari data di Instasi/Perusahaan yang Bapak/Ibu pimpin.

Hormat kami
Ka. Progdi Kedokteran,

dr. F. Pramesshinta Hardimarta, M.Si.Med

Lampiran 3. Hewan Uji Sebelum Perlakuan dan 3-6 Hari Setelah Injeksi Aloksan

Kode Sampel	Berat Badan (gram)	Kadar Gula Darah (mg/dl)
K I.1	210 gram	65,59 mg/dl
K I.2	200 gram	71,95 mg/dl
K I.3	200 gram	75,09 mg/dl
K I.4	200 gram	70,24 mg/dl
K I.5	205 gram	72,28 mg/dl
K II.1	200 gram	437 mg/dl
K II.2	200 gram	217 mg/dl
K II.3	200 gram	407 mg/dl
K II.4	200 gram	227 mg/dl
K II.5	200 gram	230 mg/dl
K III.1	205 gram	HI mg/dl
K III.2	200 gram	251 mg/dl
K III.3	200 gram	250 mg/dl
K III.4	200 gram	470 mg/dl
K III.5	205 gram	HI mg/dl
K IV.1	205 gram	394 mg/dl
K IV.2	200 gram	300 mg/dl
K IV.3	210 gram	378 mg/dl
K IV.4	205 gram	HI mg/dl
K IV.5	200 gram	586 mg/dl
K V.1	200 gram	456 mg/dl
K V.2	200 gram	275 mg/dl
K V.3	200 gram	317 mg/dl
K V.4	200 gram	271 mg/dl
K V.5	200 gram	388 mg/dl

K VI.1	200 gram	404 mg/dl
K VI.2	200 gram	275 mg/dl
K VI.3	200 gram	300 mg/dl
K VI.4	200 gram	HI mg/dl
K VI.5	200 gram	501 mg/dl

Lampiran 4. Kadar SGPT dan SGOT Hewan Uji Setelah Perlakuan Hari ke-15

Kode Sampel	Hasil SGOT	Hasil SGPT
K I.1	32,01 U/l	47,58 U/l
K I.2	38,31 U/l	42,23 U/l
K I.3	25,04 U/l	41,24 U/l
K I.4	35,401 U/l	48,00 U/l
K I.5	38,71 U/l	42,61 U/l
K II.1	82,61 U/l	117,58 U/l
K II.2	58,55 U/l	113,24 U/l
K II.3	83,85 U/l	61,84 U/l
K II.4	55,81 U/l	68,50 U/l
K II.5	110,82 U/l	112,16 U/l
K III.1	85,37 U/l	137,33 U/l
K III.2	55,22 U/l	91,12 U/l
K III.3	87,06 U/l	100,49 U/l
K III.4	63,70 U/l	99,18 U/l
K III.5	64, 40 U/l	75,62 U/l
K IV.1	54,30 U/l	141,25
K IV.2	82,10 U/l	100,61 U/l
K IV.3	55,01 U/l	83,20 U/l

K IV.4	82,00 U/l	96,07 U/l
K IV.5	58,09 U/l	68,00 U/l
K V.1	58,17 U/l	64,59 U/l
K V.2	43,00 U/l	62,64 U/l
K V.3	58,10 U/l	65,92 U/l
K V.4	53,10 U/l	92,37 U/l
K V.5	53,11 U/l	89,00 U/l
K VI.1	20,00 U/l	51,64 U/l
K VI.2	32,13 U/l	50,08 U/l
K VI.3	33,12 U/l	45,12 U/l
K VI.4	50,00 U/l	61,02 U/l
K VI.5	44,05 U/l	57,69 U/l

Lampiran 5. Hasil Analisa Statistik Kadar SGPT

a. Uji Deskriptif Kadar SGPT

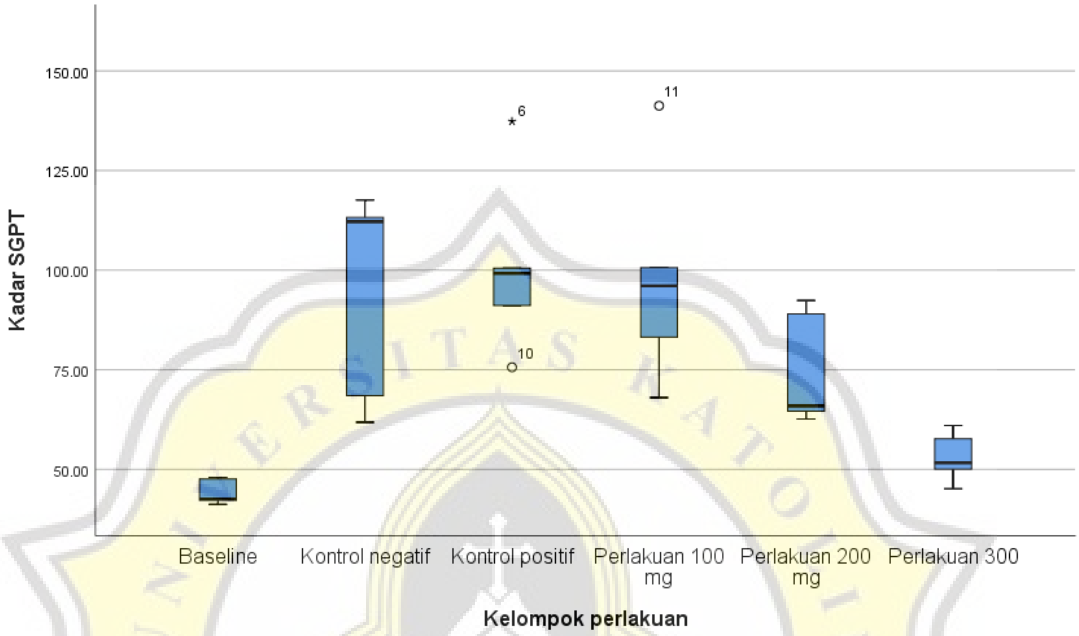
DESCRIPTIVES

	Kelompok Perlakuan			Statistic	Std. Error
Kadar SGPT	Baseline	Mean		44.3320	1.43087
		95% Confidence Interval for Mean	Lower Bound	40.3593	
			Upper Bound	48.3047	
		5% Trimmed Mean		44.3000	
		Median		42.6100	
		Variance		10.237	
		Std. Deviation		3.19953	
		Minimum		41.24	
		Maximum		48.00	
		Range		6.76	
		Interquartile Range		6.06	

		Skewness		.505	.913
		Kurtosis		-3.085	2.000
	Kontrol negatif	Mean		94.6640	12.12083
		95% Confidence Interval for Mean	Lower Bound	61.0112	
			Upper Bound	128.3168	
		5% Trimmed Mean		95.2144	
		Median		112.1600	
		Variance		734.573	
		Std. Deviation		27.10300	
		Minimum		61.84	
		Maximum		117.58	
		Range		55.74	
		Interquartile Range		50.24	
		Skewness		-.617	.913
		Kurtosis		-3.094	2.000
	Kontrol positif	Mean		100.7480	10.16091
		95% Confidence Interval for Mean	Lower Bound	72.5368	
			Upper Bound	128.9592	
		5% Trimmed Mean		100.1117	
		Median		99.1800	
		Variance		516.221	
		Std. Deviation		22.72049	
		Minimum		75.62	
		Maximum		137.33	
		Range		61.71	
		Interquartile Range		35.54	
		Skewness		1.144	.913
		Kurtosis		2.311	2.000
	Perlakuan 100 mg	Mean		97.8260	12.24742
		95% Confidence Interval for Mean	Lower Bound	63.8217	
			Upper Bound	131.8303	
		5% Trimmed Mean		97.0706	
		Median		96.0700	
		Variance		749.997	

		Std. Deviation	27.38607	
		Minimum	68.00	
		Maximum	141.25	
		Range	73.25	
		Interquartile Range	45.33	
		Skewness	1.060	.913
		Kurtosis	1.762	2.000
	Perlakuan 200 mg	Mean	74.9040	6.48558
		95% Confidence Interval for Mean	Lower Bound	56.8971	
			Upper Bound	92.9109	
		5% Trimmed Mean	74.6150	
		Median	65.9200	
		Variance	210.314	
		Std. Deviation	14.50220	
		Minimum	62.64	
		Maximum	92.37	
		Range	29.73	
		Interquartile Range	27.07	
		Skewness	.610	.913
		Kurtosis	-3.111	2.000
	Perlakuan 300	Mean	53.1100	2.81715
		95% Confidence Interval for Mean	Lower Bound	45.2883	
			Upper Bound	60.9317	
		5% Trimmed Mean	53.1144	
		Median	51.6400	
		Variance	39.682	
		Std. Deviation	6.29933	
		Minimum	45.12	
		Maximum	61.02	
		Range	15.90	
		Interquartile Range	11.76	
		Skewness	.083	.913
		Kurtosis	-1.237	2.000

b. Diagram *Steam and Leafs Plot*



c. Uji Normalitas Kadar SGPT

Test of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Kelompok Perlakuan	Statistic	df	Sig.	Statistic	df	Sig.
Kadar SGPT	Baseline	.305	5	.145	.817	5	.111
	Kontrol negatif	.341	5	.059	.779	5	.054
	Kontrol positif	.305	5	.146	.907	5	.450
	Perlakuan 100 mg	.260	5	.200*	.932	5	.612
	Perlakuan 200 mg	.332	5	.075	.782	5	.058
	Perlakuan 300	.192	5	.200*	.969	5	.871

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

a. Lilliefors Significance Correction

d. Uji Homogenitas Kadar SGPT

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kadar SGPT	Based on Mean	2.986	5	24	.031

	Based on Median	1.082	5	24	.395
	Based on Median and with adjusted df	1.082	5	13.415	.413
	Based on trimmed mean	2.828	5	24	.038

e. Uji Kruskal-Wallis Kadar SGPT

Test Statistics[a,b]

	Kadar SGPT
Kruskal-Wallis H	21.857
df	5
Asymp. Sig.	.001

a. Kruskal Wallis Test

b. Grouping Variable: Kelompok perlakuan

f. Uji Mann-Whitney Kadar SGPT

1) Baseline- K.Neg

Test Statistics[a]

	Kadar SGPT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

2) Baseline- K.Pos

Test Statistics[a]

	Kadar SGPT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009

Exact Sig. [2*(1-tailed Sig.)]	.008[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

3) Baseline- P.I

Test Statistics[a]

	Kadar SGPT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

4) Baseline- K.II

Test Statistics[a]

	Kadar SGPT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

5) Baseline- P.III

Test Statistics[a]

	Kadar SGPT
Mann-Whitney U	2.000
Wilcoxon W	17.000
Z	-2.193
Asymp. Sig. (2-tailed)	.028
Exact Sig. [2*(1-tailed Sig.)]	.032[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

6) K.Neg- K.Pos

Test Statistics[a]

	Kadar SGPT
Mann-Whitney U	12.000
Wilcoxon W	27.000
Z	-.104
Asymp. Sig. (2-tailed)	.917
Exact Sig. [2*(1-tailed Sig.)]	1.000[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

7) K.Neg- P.I

Test Statistics[a]

	Kadar SGPT
Mann-Whitney U	12.000
Wilcoxon W	27.000
Z	-.104
Asymp. Sig. (2-tailed)	.917
Exact Sig. [2*(1-tailed Sig.)]	1.000[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

8) K.Neg- P.II

Test Statistics[a]

	Kadar SGPT
Mann-Whitney U	7.000
Wilcoxon W	22.000
Z	-1.149
Asymp. Sig. (2-tailed)	.251
Exact Sig. [2*(1-tailed Sig.)]	.310[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

9) K.Neg- P.III

Test Statistics[a]

	Kadar SGPT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

10) K.Pos-P.I

Test Statistics[a]

	Kadar SGPT
Mann-Whitney U	12.000
Wilcoxon W	27.000
Z	-.104
Asymp. Sig. (2-tailed)	.917
Exact Sig. [2*(1-tailed Sig.)]	1.000[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

11) K.Pos- P.II

Test Statistics[a]

	Kadar SGPT
Mann-Whitney U	3.000
Wilcoxon W	18.000
Z	-1.984
Asymp. Sig. (2-tailed)	.047
Exact Sig. [2*(1-tailed Sig.)]	.056[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

12) K.Pos- P.III

Test Statistics[a]

	Kadar SGPT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

13) P.I- P.II

Test Statistics[a]

	Kadar SGPT
Mann-Whitney U	4.000
Wilcoxon W	19.000
Z	-1.776
Asymp. Sig. (2-tailed)	.076
Exact Sig. [2*(1-tailed Sig.)]	.095[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

14) P.I- P.III

Test Statistics[a]

	Kadar SGPT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

15) P.II- P.III

Test Statistics[a]

	Kadar SGPT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

Lampiran 6. Hasil Analisa Statistik Kadar SGOT

a. Uji Deskriptif Kadar SGOT

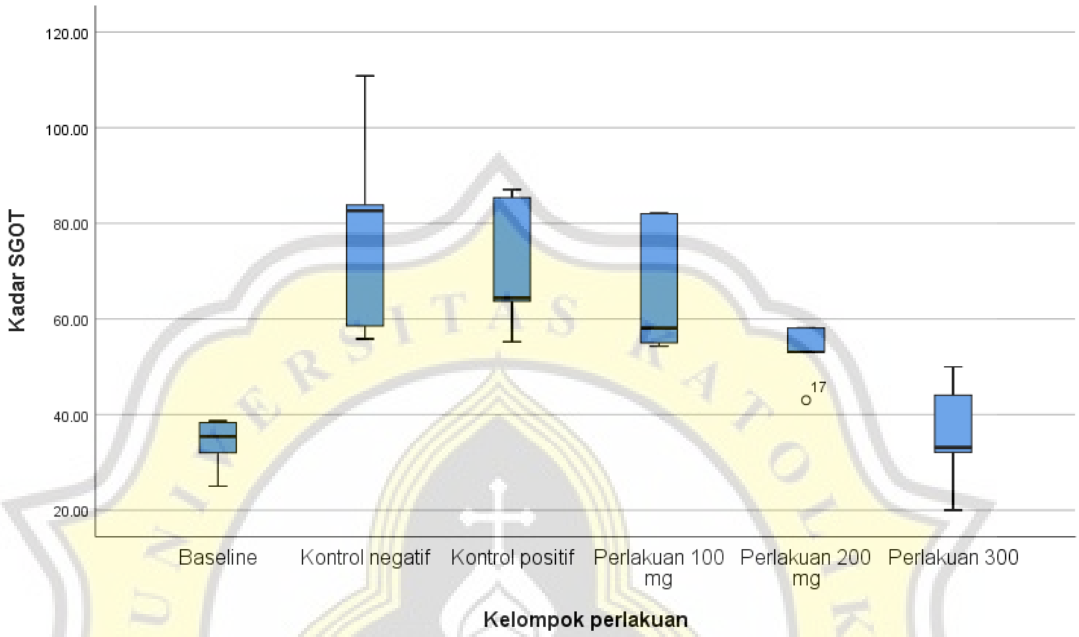
Descriptives

	Kelompok perlakuan			Statistic	Std. Error
Kadar SGOT	Baseline	Mean		33.8942	2.51902
		95% Confidence Interval for Mean	Lower Bound	26.9003	
			Upper Bound	40.8881	
		5% Trimmed Mean		34.1186	
		Median		35.4010	
		Variance		31.727	
		Std. Deviation		5.63269	
		Minimum		25.04	
		Maximum		38.71	
		Range		13.67	
		Interquartile Range		9.99	
		Skewness		-1.165	.913
		Kurtosis		.794	2.000
	Kontrol negatif	Mean		78.3280	10.00697
		95% Confidence Interval for Mean	Lower Bound	50.5442	
			Upper Bound	106.1118	
		5% Trimmed Mean		77.7739	
		Median		82.6100	

		Variance	500.697	
		Std. Deviation	22.37626	
		Minimum	55.81	
		Maximum	110.82	
		Range	55.01	
		Interquartile Range	40.15	
		Skewness	.573	.913
		Kurtosis	-.391	2.000
	Kontrol positif	Mean	71.1500	6.36461
		95% Confidence Interval for Mean	Lower Bound	53.4790	
			Upper Bound	88.8210	
		5% Trimmed Mean	71.1511	
		Median	64.4000	
		Variance	202.542	
		Std. Deviation	14.23171	
		Minimum	55.22	
		Maximum	87.06	
		Range	31.84	
		Interquartile Range	26.76	
		Skewness	.309	.913
		Kurtosis	-2.682	2.000
	Perlakuan 100 mg	Mean	66.3000	6.46142
		95% Confidence Interval for Mean	Lower Bound	48.3602	
			Upper Bound	84.2398	
		5% Trimmed Mean	66.0889	
		Median	58.0900	
		Variance	208.750	
		Std. Deviation	14.44817	
		Minimum	54.30	
		Maximum	82.10	
		Range	27.80	
		Interquartile Range	27.39	
		Skewness	.566	.913
		Kurtosis	-3.278	2.000

	Perlakuan 200 mg	Mean		53.0960	2.76329
		95% Confidence Interval for Mean	Lower Bound	45.4239	
			Upper Bound	60.7681	
		5% Trimmed Mean		53.3750	
		Median		53.1100	
		Variance		38.179	
		Std. Deviation		6.17889	
		Minimum		43.00	
		Maximum		58.17	
		Range		15.17	
		Interquartile Range		10.09	
		Skewness		-1.366	.913
		Kurtosis		2.016	2.000
	Perlakuan 300	Mean		35.8600	5.19604
		95% Confidence Interval for Mean	Lower Bound	21.4335	
			Upper Bound	50.2865	
		5% Trimmed Mean		35.9556	
		Median		33.1200	
		Variance		134.994	
		Std. Deviation		11.61869	
		Minimum		20.00	
		Maximum		50.00	
		Range		30.00	
		Interquartile Range		20.96	
		Skewness		-.182	.913
		Kurtosis		-.592	2.000

b. Diagram *Steam and Leafs Plot*



c. Uji Normalitas Kadar SGOT

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Kelompok perlakuan	Statistic	df	Sig.	Statistic	df	Sig.
Kadar SGOT	Baseline	.205	5	.200*	.886	5	.339
	Kontrol negatif	.212	5	.200*	.909	5	.462
	Kontrol positif	.282	5	.200*	.860	5	.227
	Perlakuan 100 mg	.315	5	.117	.748	5	.029
	Perlakuan 200 mg	.300	5	.160	.835	5	.150
	Perlakuan 300	.193	5	.200*	.964	5	.836

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

a. Lilliefors Significance Correction

d. Uji Homogenitas Kadar SGOT

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kadar SGOT	Based on Mean	3.251	5	24	.022

	Based on Median	1.165	5	24	.355
	Based on Median and with adjusted df	1.165	5	15.449	.370
	Based on trimmed mean	3.329	5	24	.020

e. Uji Kruskal-Wallis Kadar SGOT

Test Statistics[a,b]

	Kadar SGOT
Kruskal-Wallis H	22.476
df	5
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable: Kelompok perlakuan

f. Uji Mann-Whitney Kadar SGOT

1) Baseline – K Neg

Test Statistics[a]

	Kadar SGOT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

2) Baseline – K Pos

Test Statistics[a]

	Kadar SGOT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009

Exact Sig. [2*(1-tailed Sig.)]	.008[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

3) Baseline – P.I

Test Statistics[a]

	Kadar SGOT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

4) Baseline – P.II

Test Statistics[a]

	Kadar SGOT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

5) Baseline – P.III

Test Statistics[a]

	Kadar SGOT
Mann-Whitney U	11.000
Wilcoxon W	26.000
Z	-.313
Asymp. Sig. (2-tailed)	.754
Exact Sig. [2*(1-tailed Sig.)]	.841[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

6) K Neg – Kpos

Test Statistics[a]

	Kadar SGOT
Mann-Whitney U	12.000
Wilcoxon W	27.000
Z	-.104
Asymp. Sig. (2-tailed)	.917
Exact Sig. [2*(1-tailed Sig.)]	1.000[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

7) K Neg – P.I

Test Statistics[a]

	Kadar SGOT
Mann-Whitney U	5.000
Wilcoxon W	20.000
Z	-1.567
Asymp. Sig. (2-tailed)	.117
Exact Sig. [2*(1-tailed Sig.)]	.151[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

8) K Neg – P.II

Test Statistics[a]

	Kadar SGOT
Mann-Whitney U	2.000
Wilcoxon W	17.000
Z	-2.193
Asymp. Sig. (2-tailed)	.028
Exact Sig. [2*(1-tailed Sig.)]	.032[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

9) K Neg – P.III

Test Statistics[a]

	Kadar SGOT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

10) K Pos – P.I

Test Statistics[a]

	Kadar SGOT
Mann-Whitney U	7.000
Wilcoxon W	22.000
Z	-1.149
Asymp. Sig. (2-tailed)	.251
Exact Sig. [2*(1-tailed Sig.)]	.310[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

11) K Pos – P.II

Test Statistics[a]

	Kadar SGOT
Mann-Whitney U	2.000
Wilcoxon W	17.000
Z	-2.193
Asymp. Sig. (2-tailed)	.028
Exact Sig. [2*(1-tailed Sig.)]	.032[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

12) K Pos – P.III

Test Statistics[a]

	Kadar SGOT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

13) P.I – P.II

Test Statistics[a]

	Kadar SGOT
Mann-Whitney U	6.000
Wilcoxon W	21.000
Z	-1.358
Asymp. Sig. (2-tailed)	.175
Exact Sig. [2*(1-tailed Sig.)]	.222[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

14) P.I – P.III

Test Statistics[a]

	Kadar SGOT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

15) P.II – P.III

Test Statistics[a]

	Kadar SGOT
Mann-Whitney U	2.000
Wilcoxon W	17.000
Z	-2.193
Asymp. Sig. (2-tailed)	.028
Exact Sig. [2*(1-tailed Sig.)]	.032[b]

a. Grouping Variable: Kelompok perlakuan

b. Not corrected for ties.

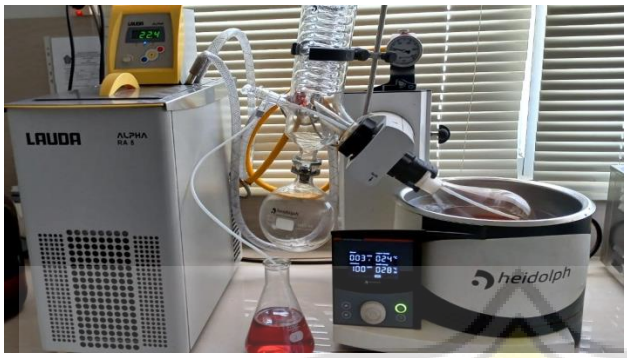
Lampiran 7. Dokumentasi Penelitian

Proses pembuatan ekstrak. Penimbangan umbi bit yang sudah dikeringkan.

Proses pembuatan ekstrak. Umbi bit yang sudah kering di blender supaya menjadi serbuk.

Proses pembuatan ekstrak. Umbi bit setelah di blender dan menjadi simplisia.

Proses pembuatan ekstrak. Metode remaserasi.

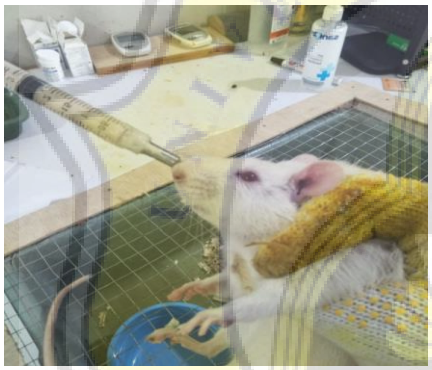


Proses pembuatan ekstrak. Penggunaan Mesin Rotatory Evaporator

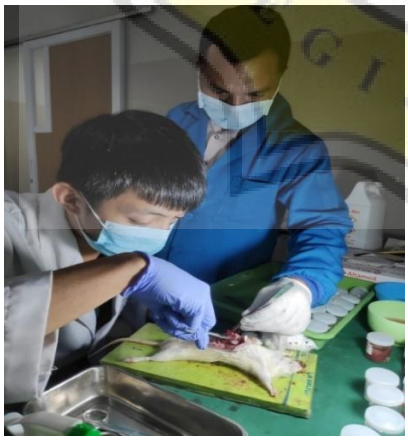
Proses pembuatan ekstrak. Penyaringan ekstrak

Proses pembuatan ekstrak. Ekstrak kental umbi bit.

Bahan untuk perlakuan terhadap hewan uji, kontrol positif menggunakan glibenkalmid dan perlakuan kelompok I, II dan III dengan ekstrak umbi bit dosis 100, 200 dan 300 mg/kgbb.



Pemberian perlakuan pada hewan uji dengan sonde intragastrik.



Melakukan pembedahan pada hewan uji.

Pengambilan darah melalui vena mata tikus menggunakan pipa kapiler.

Melakukan sentrifuse serum yang telah dikumpulkan.

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Yang bertanda tangan dibawah ini:

Nama : Daniel Aryo Wibowo

Program Studi : Pendidikan Dokter

Fakultas : Kedokteran

Jenis Karya : Skripsi

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Semarang, 7 Februari 2023

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Daniel Aryo Wibowo