LAMPIRAN

Lampiran 1. Hasil Determinasi Tanaman

HERBARIUM JATINANGOR
LABORATORIUM TAKSONOMI TUMBUHAN
JURUSAN BIOLOGI FMIPA UNPAD
Gedung D2-212, Jl. Raya Bandung Sumedang Km 21 Jatinangor
Telp. 089689992695, email: phanerogamae@yahoo.com

LEMBAR IDENTIFIKASI TUMBUHAN
No.47/HB/01/2024.

Herbarium Jatinangor, Laboratorium Taksonomi Tumbuhan, Jurusan Biologi FMIPA UNPAD, dengan ini menerangkan bahwa:

Nama	: Nida Putri Apriliyanti
NIM/NIP	: 221FF04038
Instansi	: Universitas Bhakti Kencana.
Lokasi	: Bandung.

Telah melakukan identifikasi tumbuhan, dengan No. Koleksi: -

Tanggal Koleksi	: 20 Januari 2024.

Hasil Identifikasi

Nama Ilmiah	: ***Anredera cordifolia* (Ten.) Steenis**
Sinonim	: *Boussingaultia cordata* Spreng.
Nama Lokal	: Daun Binahong
Suku/Famili	: Basellaceae

Klasifikasi (Hirarki Taksonomi)

Kingdom	Plantae
Divisi	Magnoliophyta
Class	Magnoliopsida
Ordo	Caryophyllales
Famili	Basellaceae
Genus	*Anredera*
Species	*Anredera cordifolia* (Ten.) Steenis

Referensi:
Backer, C. A. and Bakkuizen v/d Brink R. C Jr. 1963. Flora of Java. Wolter-Noordhoff NV. Groningen.Cronquist, Arthur. 1981. AnIntegrated System of Classification of Flowering Plants. Columbia University Press. New York
The Plant List.Website DuniaTumbuhan.http://www.theplantlist.org/tpl1.1/record/kew-158489.

Jatinangor, 22 Januari 2024.
Identifikator,

LABORATORIUM TAKSONOMI TUMBUHAN
JURUSAN BIOLOGI FMIPA-UNPAD

Drs. Joko Kusmoro, M.P.
NIP. 19600801 199101 1 001

Lampiran 2. Persetujuan Kode Etik

KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET DAN TEKNOLOGI
UNIVERSITAS PADJADJARAN
KOMITE ETIK PENELITIAN
RESEARCH ETHICS COMMITTEE

Jl. Prof. Eyckman No. 38 Bandung 40161
Telp. & Fax. 022-2038697 email: kep@unpad.ac.id, website: kep.unpad.ac.id

No. Reg.: 2401080024

PERSETUJUAN ETIK
ETHICAL APPROVAL

Nomor: 528/UN6.KEP/EC/2024

Komite 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 reaserch with animal subjects in reaserach entitled:

"UJI AKTIVITAS *ANTIDIABETES* DAN *ANTIHIPERLIPIDEMIA* FRAKSI ETIL ASETAT EKSTRAK ETANOL DAUN BINAHONG (*ANREDERA CORDIFOLIA*) DAN DAUN SAMBUNG NYAWA (*GYUNURA PROCUMBENS*) PADA TIKUS YANG DIINDUKSI *STREPTOZOTOCIN*"

Nama Peneliti Utama *Principal Researcher*	:	Dewi Sintawati Eka Rahmat Nugraha Nida Putri Apriliyanti Sensi Friska Daeli
Pembimbing/Peneliti Lain *Supervisor/Other Researcher*	:	Dr. apt. Yani Mulyani, M.Si.
Nama Institusi *Institution*	:	Program Sarjana Program Studi Farmasi Fakultas Farmasi Universitas Bhakti Kencana Bandung

proposal tersebut dapat disetujui pelaksanaannya.
hereby declare that the proposal is approved.

Ditetapkan di : Bandung
Issued in
Tanggal : 14-05-2024
Date

Ketua,
Chairman,

Prof. Nur Atik, dr, M.Kes., MOHRE., PhD
NIP. 19811010 200801 1 019

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 Komite Etik Penelitian.
In 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 Komite Etik Penelitian.
If there are Serious Adverse Events (SAE) should be immediately reported to the Research Ethics Committee

Lampiran 3. ***Cerftificate Of Analysis*** **Streptozotosin**

bioWORLD
MOLECULAR TOOLS FOR LIFE SCIENCES

CERTIFICATE OF ANALYSIS

STREPTOZOTOCIN

SYNONYMS	: N/A		
PRODUCT CODE (SKU)	: 41910012-5	**MOLECULAR FORMULA**	: $C_8H_{15}N_3O_7$
PRODUCT SIZE	: 5 g	**MOLECULAR WEIGHT**	: 265.22 g/mol
CAS NUMBER	: 18883-66-4	**STORAGE TEMP.**	: -20°C
LOT NUMBER	: V23100402	**REASSAY/ EXP DATE**	: 03/2025

PROPERTIES	SPECIFICATIONS	TEST RESULTS
Appearance:	Crystalline Solid	PASS
Color:	Pale Yellow to White	PASS
Assay:	≥98%	99.91%
HPLC:	Conforms to Standard	PASS
Water:	≤3.0%	0.22%
α Isomer %	≥75%	96.92%

APPROVED BY:

DATE:
01-03-2024

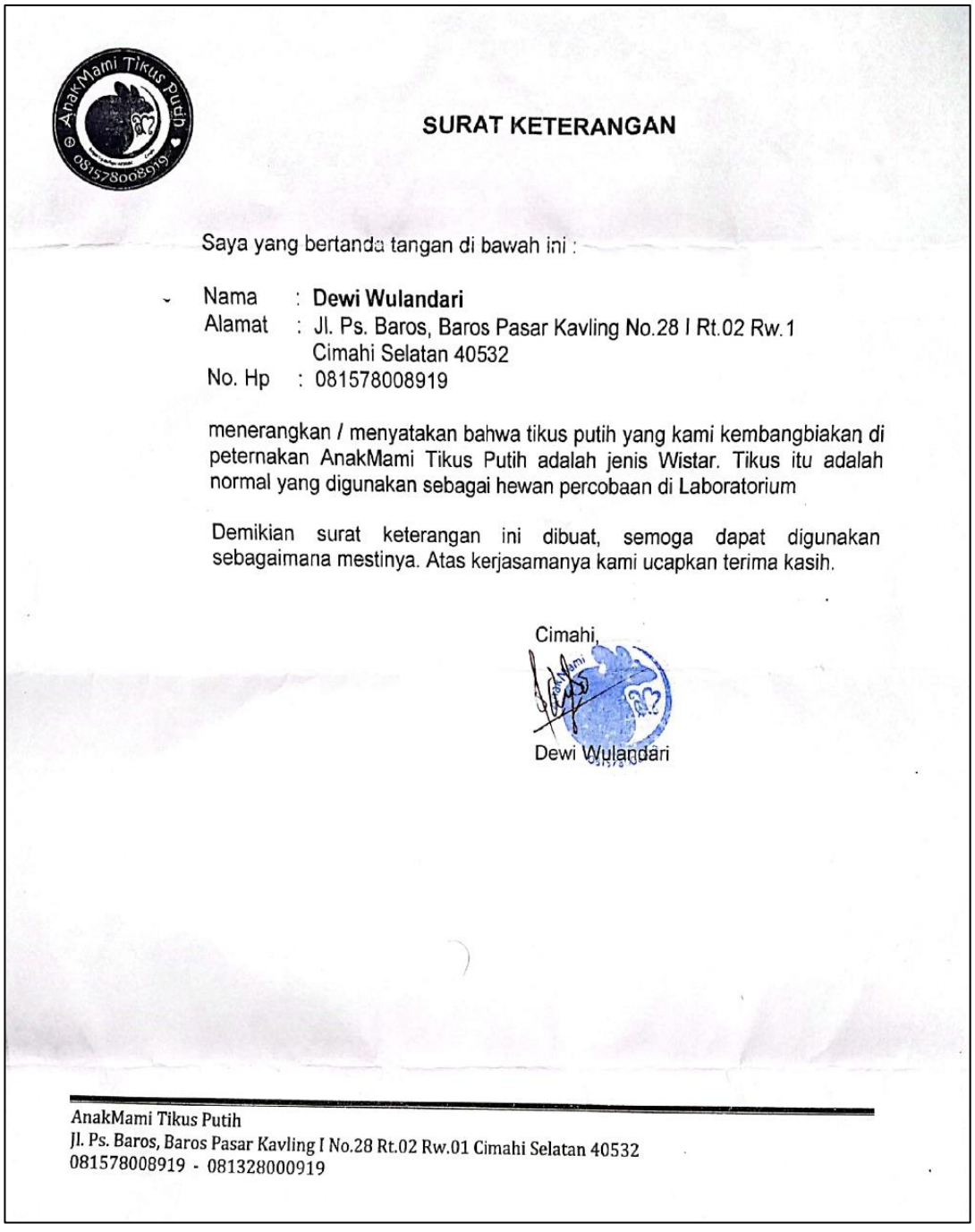
Mallory McMullen
Quality Assurance

CREATION DATE: 01-03-2024 PRINT DATE: 01-05-2024
The above information is based upon data received from our supplier or our quality control measurements.

P: 614.792.8680
F: 614.792.8680
E: tech@bio-world.com
W: www.bio-world.com

bioWORLD
4150 Tuller Road
Suite 228
Dublin, OH 43017

Lampiran 4. Sertifikat Hewan Coba



SURAT KETERANGAN

Saya yang bertanda tangan di bawah ini :

Nama : **Dewi Wulandari**
Alamat : Jl. Ps. Baros, Baros Pasar Kavling No.28 I Rt.02 Rw.1 Cimahi Selatan 40532
No. Hp : 081578008919

menerangkan / menyatakan bahwa tikus putih yang kami kembangbiakan di peternakan AnakMami Tikus Putih adalah jenis Wistar. Tikus itu adalah normal yang digunakan sebagai hewan percobaan di Laboratorium

Demikian surat keterangan ini dibuat, semoga dapat digunakan sebagaimana mestinya. Atas kerjasamanya kami ucapkan terima kasih.

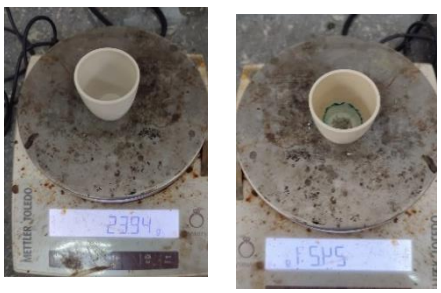
Cimahi,

Dewi Wulandari

AnakMami Tikus Putih
Jl. Ps. Baros, Baros Pasar Kavling I No.28 Rt.02 Rw.01 Cimahi Selatan 40532
081578008919 - 081328000919

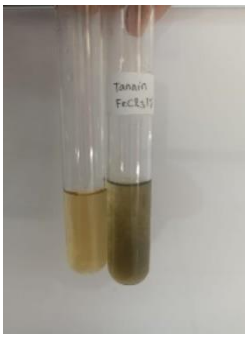
Lampiran 5. Perhitungan Karakterisasi Simplisia Daun Binahong

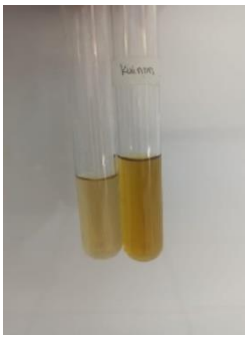
Parameter spesifik	Perhitungan
1. Kadar Sari Larut Etanol	• Bobot cawan kosong = 81,264 g • Bobot cawan+ sari = 81,379 g • Bobot sempel = 5 g • Volume filtrat = 20 mL Hasil = 81,379 – 81,264 = 0,115 g $\frac{0{,}115\ x\ 5}{5}\ x\ 100\ \% = 11{,}5\ \%$
2. Kadar Sari Larut Air	• Bobot cawan kosong = 54,576 g • Bobot cawan+ sari = 54,863 g • Bobot sampel = 5 g • Volume filtrat = 20 mL Hasil = 54,863 – 54,576 = 0,287 g $\frac{0{,}287\ x\ 5}{5}\ x\ 100\ \% = 28{,}7\ \%$

Parameter non spesifik	Perhitungan
1. Kadar Abu Total 	• Bobot krus kosong = 23,94 g • Bobot krus + abu = 24,21 g • Bobot sampel = 2 g Hasil= $\frac{24{,}21\ -\ 23{,}94}{2}\ x\ 100\ \% = 13{,}5\ \%$

2. Kadar Abu Tidak Larut Asam 	• Bobot krus kosong = 23,94 g • Bobot krus + abu = 24,21 g • Bobot sempel = 2 g Hasil= $\frac{23{,}95 - 23{,}94}{2}\ x\ 100\ \% = 0{,}5\ \%$

Lampiran 6. Skrining Fitokimia Simplisa Daun Binahong

Metabolit Sekunder	Hasil
Alkaloid	(+) Terbentuk endapan merah (-) Tidak terbentuk endapan putih
Flavonoid	(+) Terbentuk warna kuning pada lapisan amil alkohol
Tannin	 (+) Terbentuk warna hitam kehijauan (+) Terbentuk endapan putih

Kuinon	 (+) Terbentuk warna merah
Saponin	 (+) Terbentuk busa stabil
Steroid/Triterpenoid	 (+) Terbentuk warna merah keunguan

Lampiran 7. Perhitungan Dosis Larutan Uji

- **Perhitungan Na-CMC 0,5%**

  Na-CMC 0,5 % dibuat sebanyak 100 mL maka:

  Berat yang ditimbang = 0,5 g→ 500 mg

  Volumen untuk melarutkan = 100 mL

- **Perhitungan dosis sampel:**

  Dosis pertama (daun binahong 100 mg/Kg BB)

  = $\frac{200\ gram}{1000\ gram}$ x 100 mg

  = 20 mg/200 gram

  Dosis kedua (Daun binahong 150 mg/Kg BB)

  = $\frac{200\ gram}{1000\ gram}$ x 150 mg

  = 30 mg/200 gram

- **Perhitungan dosis induksi streptozotosin**

  Menggunakan dosis induksi 35 mg/Kg BB:

  = $\frac{200\ gram}{1000\ gram}$ X 35 mg

  = 7 mg/ 200 gram

- **Perhitungan dosis pembanding glibenklamid**

  = 5 mg x 0,0018

  = 0,09 mg/ 200 gram BB

  Karena dibuat dalam 100 mL, maka:

  X = $\frac{0{,}09\ mg}{5\ mg}$ x 100 mL

  X = 1,8 mL

Lampiran 8. Hasil Uji Statistik KGDP

Kelompok	Tikus ke-	Kadar gula darah (mg/dL)			
		H0	**H3**	**H14**	**H28**
Normal	T1	115	123	123	124
	T2	118	110	107	105
	T3	108	103	107	100
	T4	96	98	101	114
	Rata-rata	109,2 ± 9,7	108,5 ± 10,8	109,5 ± 9,4	110,7± 10,5
Sakit	T1	91	264	291	327
	T2	109	276	298	338
	T3	94	284	297	335
	T4	118	265	296	302
	Rata-rata	103,0 ± 12,7	272,2 ± 9,5	295,5 ± 3,1	325,5 ± 16,3
Pembanding	T1	99	234	202	180
	T2	106	250	223	202
	T3	109	253	227	205
	T4	112	256	232	167
	Rata-rata	106,5 ± 5,6	248,2 ± 9,8	221,0 ± 13,2	188,5 ± 18,1
FEADB 1	T1	112	281	189	132
	T2	109	275	179	115
	T3	99	262	184	119
	T4	98	271	204	125
	Rata-rata	104,5 ± 7,0	272,2 ± 7,9	189,0 ± 10,8	122,7± 7,4
FEADB 2	T1	100	253	159	120
	T2	116	268	174	127
	T3	101	274	179	116
	T4	105	259	166	121
	Rata-rata	108,0 ± 7,3	260,5 ± 9,3	166,5 ± 8,8	123,5 ± 4,5

Tests of Normality

	Kelompok Tikus	Kolmogorov-Smirnov[a] Statistic	df	Sig.	Shapiro-Wilk Statistic	df	Sig.
Kadar Gula Darah Puasa Hari ke-0	Kontrol Normal	.222	4	.	.925	4	.564
	Sakit	.260	4	.	.912	4	.492
	Pembanding (Simvastatin)	.214	4	.	.957	4	.759
	FEAEEDB1	.282	4	.	.855	4	.242
	FEAEEDB2	.277	4	.	.845	4	.209
Kadar Gula Darah Puasa Hari ke-3	Kontrol Normal	.195	4	.	.953	4	.738
	Sakit	.276	4	.	.889	4	.380
	Pembanding (Simvastatin)	.321	4	.	.845	4	.210
	FEAEEDB1	.188	4	.	.987	4	.943
	FEAEEDB2	.185	4	.	.972	4	.855
Kadar Gula Darah Puasa Hari ke-14	Kontrol Normal	.354	4	.	.856	4	.247
	Sakit	.314	4	.	.854	4	.240
	Pembanding (Simvastatin)	.310	4	.	.868	4	.289
	FEAEEDB1	.250	4	.	.927	4	.577
	FEAEEDB2	.195	4	.	.975	4	.875
Kadar Gula Darah Puasa Hari ke-28	Kontrol Normal	.207	4	.	.967	4	.823
	Sakit	.287	4	.	.849	4	.222
	Pembanding (Simvastatin)	.271	4	.	.896	4	.414
	FEAEEDB1	.194	4	.	.976	4	.879
	FEAEEDB2	.250	4	.	.963	4	.797

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kadar Gula Darah Puasa Hari ke-0	Based on Mean	1.787	4	15	.184
	Based on Median	1.376	4	15	.289
	Based on Median and with adjusted df	1.376	4	10.968	.304
	Based on trimmed mean	1.760	4	15	.189
Kadar Gula Darah Puasa Hari ke-3	Based on Mean	.152	4	15	.959
	Based on Median	.137	4	15	.966
	Based on Median and with adjusted df	.137	4	10.990	.965
	Based on trimmed mean	.150	4	15	.960
Kadar Gula Darah Puasa Hari ke-14	Based on Mean	1.020	4	15	.428
	Based on Median	.573	4	15	.687
	Based on Median and with adjusted df	.573	4	9.590	.689
	Based on trimmed mean	.932	4	15	.472
Kadar Gula Darah Puasa Hari ke-28	Based on Mean	2.955	4	15	.055
	Based on Median	1.897	4	15	.163
	Based on Median and with adjusted df	1.897	4	6.607	.221
	Based on trimmed mean	2.718	4	15	.070

Multiple Comparisons

LSD

Dependent Variable	(I) Kelompok Tikus	(J) Kelompok Tikus	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Kadar Gula Darah Puasa Hari ke-0	Kontrol Normal	Sakit	6.250	6.260	.334	-7.09	19.59
		Pembanding (Simvastatin)	2.750	6.260	.667	-10.59	16.09
		FEAEEDB1	4.750	6.260	.460	-8.59	18.09
		FEAEEDB2	3.750	6.260	.558	-9.59	17.09
	Sakit	Kontrol Normal	-6.250	6.260	.334	-19.59	7.09
		Pembanding (Simvastatin)	-3.500	6.260	.584	-16.84	9.84
		FEAEEDB1	-1.500	6.260	.814	-14.84	11.84
		FEAEEDB2	-2.500	6.260	.695	-15.84	10.84
	Pembanding (Simvastatin)	Kontrol Normal	-2.750	6.260	.667	-16.09	10.59
		Sakit	3.500	6.260	.584	-9.84	16.84
		FEAEEDB1	2.000	6.260	.754	-11.34	15.34
		FEAEEDB2	1.000	6.260	.875	-12.34	14.34
	FEAEEDB1	Kontrol Normal	-4.750	6.260	.460	-18.09	8.59
		Sakit	1.500	6.260	.814	-11.84	14.84
		Pembanding (Simvastatin)	-2.000	6.260	.754	-15.34	11.34
		FEAEEDB2	-1.000	6.260	.875	-14.34	12.34
	FEAEEDB2	Kontrol Normal	-3.750	6.260	.558	-17.09	9.59
		Sakit	2.500	6.260	.695	-10.84	15.84
		Pembanding (Simvastatin)	-1.000	6.260	.875	-14.34	12.34
		FEAEEDB1	1.000	6.260	.875	-12.34	14.34
Kadar Gula Darah Puasa Hari ke-3	Kontrol Normal	Sakit	-163.750*	6.748	.000	-178.13	-149.37
		Pembanding (Simvastatin)	-139.750*	6.748	.000	-154.13	-125.37
		FEAEEDB1	-163.750*	6.748	.000	-178.13	-149.37
		FEAEEDB2	-155.000*	6.748	.000	-169.38	-140.62
	Sakit	Kontrol Normal	163.750*	6.748	.000	149.37	178.13
		Pembanding (Simvastatin)	24.000*	6.748	.003	9.62	38.38
		FEAEEDB1	.000	6.748	1.000	-14.38	14.38
		FEAEEDB2	8.750	6.748	.214	-5.63	23.13
	Pembanding (Simvastatin)	Kontrol Normal	139.750*	6.748	.000	125.37	154.13
		Sakit	-24.000*	6.748	.003	-38.38	-9.62
		FEAEEDB1	-24.000*	6.748	.003	-38.38	-9.62
		FEAEEDB2	-15.250*	6.748	.039	-29.63	-.87
	FEAEEDB1	Kontrol Normal	163.750*	6.748	.000	149.37	178.13
		Sakit	.000	6.748	1.000	-14.38	14.38
		Pembanding (Simvastatin)	24.000*	6.748	.003	9.62	38.38
		FEAEEDB2	8.750	6.748	.214	-5.63	23.13

	FEAEEDB2	Kontrol Normal	155.000*	6.748	.000	140.62	169.38
		Sakit	-8.750	6.748	.214	-23.13	5.63
		Pembanding (Simvastatin)	15.250*	6.748	.039	.87	29.63
		FEAEEDB1	-8.750	6.748	.214	-23.13	5.63
Kadar Gula Darah Puasa Hari ke-14	Kontrol Normal	Sakit	-186.000*	6.834	.000	-200.57	-171.43
		Pembanding (Simvastatin)	-111.500*	6.834	.000	-126.07	-96.93
		FEAEEDB1	-79.500*	6.834	.000	-94.07	-64.93
		FEAEEDB2	-60.000*	6.834	.000	-74.57	-45.43
	Sakit	Kontrol Normal	186.000*	6.834	.000	171.43	200.57
		Pembanding (Simvastatin)	74.500*	6.834	.000	59.93	89.07
		FEAEEDB1	106.500*	6.834	.000	91.93	121.07
		FEAEEDB2	126.000*	6.834	.000	111.43	140.57
	Pembanding (Simvastatin)	Kontrol Normal	111.500*	6.834	.000	96.93	126.07
		Sakit	-74.500*	6.834	.000	-89.07	-59.93
		FEAEEDB1	32.000*	6.834	.000	17.43	46.57
		FEAEEDB2	51.500*	6.834	.000	36.93	66.07
	FEAEEDB1	Kontrol Normal	79.500*	6.834	.000	64.93	94.07
		Sakit	-106.500*	6.834	.000	-121.07	-91.93
		Pembanding (Simvastatin)	-32.000*	6.834	.000	-46.57	-17.43
		FEAEEDB2	19.500*	6.834	.012	4.93	34.07
	FEAEEDB2	Kontrol Normal	60.000*	6.834	.000	45.43	74.57
		Sakit	-126.000*	6.834	.000	-140.57	-111.43
		Pembanding (Simvastatin)	-51.500*	6.834	.000	-66.07	-36.93
		FEAEEDB1	-19.500*	6.834	.012	-34.07	-4.93
Kadar Gula Darah Puasa Hari ke-28	Kontrol Normal	Sakit	-214.750*	8.853	.000	-233.62	-195.88
		Pembanding (Simvastatin)	-77.750*	8.853	.000	-96.62	-58.88
		FEAEEDB1	-12.000	8.853	.195	-30.87	6.87
		FEAEEDB2	-10.250	8.853	.265	-29.12	8.62
	Sakit	Kontrol Normal	214.750*	8.853	.000	195.88	233.62
		Pembanding (Simvastatin)	137.000*	8.853	.000	118.13	155.87
		FEAEEDB1	202.750*	8.853	.000	183.88	221.62
		FEAEEDB2	204.500*	8.853	.000	185.63	223.37
	Pembanding (Simvastatin)	Kontrol Normal	77.750*	8.853	.000	58.88	96.62
		Sakit	-137.000*	8.853	.000	-155.87	-118.13
		FEAEEDB1	65.750*	8.853	.000	46.88	84.62
		FEAEEDB2	67.500*	8.853	.000	48.63	86.37
	FEAEEDB1	Kontrol Normal	12.000	8.853	.195	-6.87	30.87
		Sakit	-202.750*	8.853	.000	-221.62	-183.88
		Pembanding (Simvastatin)	-65.750*	8.853	.000	-84.62	-46.88
		FEAEEDB2	1.750	8.853	.846	-17.12	20.62
	FEAEEDB2	Kontrol Normal	10.250	8.853	.265	-8.62	29.12
		Sakit	-204.500*	8.853	.000	-223.37	-185.63
		Pembanding (Simvastatin)	-67.500*	8.853	.000	-86.37	-48.63
		FEAEEDB1	-1.750	8.853	.846	-20.62	17.12

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

Lampiran 9. Hasil Uji Statistik Kolesterol Total

Kelompok	Tikus ke-	Kadar kolesterol total (mg/dL)	
		Sebelum pengobatan (induksi)	Setelah pengobatan
Normal	1	34,3	39,2
	2	41,0	48,7
	3	42,3	35,8
	4	55,3	42,8
	Rata-rata	43,23 ± 8,78	41,63 ± 5,52
Sakit	1	115,0	137,0
	2	96,5	125,8
	3	89,8	85,8
	4	91,4	84,3
	Rata-rata	98,18 ± 11,57	108,23 ± 27,15
Pembanding	1	80,8	47,5
	2	96,5	43,3
	3	94,1	42,1
	4	85,0	31,8
	Rata-rata	89,10 ± 7,43	41,18 ± 6,67
FEADB 1	1	88,0	45,3
	2	65,9	44,1
	3	71,9	41,9
	4	81,2	38,6
	Rata-rata	76,75 ± 9,79	42,48 ± 2,94
FEADB 2	1	84,0	38,2
	2	79,0	48,7
	3	82,6	52,0
	4	73,4	46,2
	Rata-rata	80,00 ± 4,73	46,28 ± 5,88

a. Uji Normalitas

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Kelompok Tikus	Statistic	df	Sig.	Statistic	df	Sig.
Kolesterol Total_ H3	Normal	.295	4	.	.927	4	.575
	Sakit	.293	4	.	.821	4	.145
	Pembanding	.237	4	.	.925	4	.565
	FEADB 1	.188	4	.	.977	4	.882
	FEADB 2	.243	4	.	.905	4	.457
Kolesterol Total_H28	Normal	.188	4	.	.973	4	.858
	Sakit	.293	4	.	.834	4	.179
	Pembanding	.295	4	.	.925	4	.564
	FEADB 1	.215	4	.	.946	4	.689
	FEADB 2	.233	4	.	.942	4	.666

a. Lilliefors Significance Correction

Kesimpulan: P>0,05 artinya semua data kadar kolesterol total terdistribusi normal

b. Uji Homogenitas

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kolesterol Total_ H3	Based on Mean	.688	4	15	.611
	Based on Median	.391	4	15	.812
	Based on Median and with adjusted df	.391	4	7.852	.809
	Based on trimmed mean	.601	4	15	.668
Kolesterol Total_H28	Based on Mean	26.258	4	15	.000
	Based on Median	20.663	4	15	.000
	Based on Median and with adjusted df	20.663	4	10.809	.000
	Based on trimmed mean	25.854	4	15	.000

Kesimpulan:

H3: P>0,05 artinya data kadar kolesterol total homogen

H28: P>0,05 artinya data kadar kolesterol total tidak homogen

c. Uji Anova

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Kolesterol Total_ H3	Between Groups	7057.800	4	1764.450	22.836	.000
	Within Groups	1159.000	15	77.267		
	Total	8216.800	19			
Kolesterol Total_H28	Between Groups	13712.000	4	3428.000	19.899	.000
	Within Groups	2584.000	15	172.267		
	Total	16296.000	19			

Kesimpulan: P<0,05 artinya terdapat perbedaan bermakna antar kelompok perlakuan.

d. Uji Post Hoc LSD

H3

Test LSD

Dependent Variable	(I) Kelompok Tikus	(J) Kelompok Tikus	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Kolesterol Total_ H3	Normal	Sakit	-55.250*	6.216	.000	-68.50	-42.00
		Pembanding	-46.250*	6.216	.000	-59.50	-33.00
		FEADB 1	-33.750*	6.216	.000	-47.00	-20.50
		FEADB 2	-36.750*	6.216	.000	-50.00	-23.50
	Sakit	Normal	55.250*	6.216	.000	42.00	68.50
		Pembanding	9.000	6.216	.168	-4.25	22.25
		FEADB 1	21.500*	6.216	.004	8.25	34.75
		FEADB 2	18.500*	6.216	.009	5.25	31.75
	Pembanding	Normal	46.250*	6.216	.000	33.00	59.50
		Sakit	-9.000	6.216	.168	-22.25	4.25
		FEADB 1	12.500	6.216	.063	-.75	25.75
		FEADB 2	9.500	6.216	.147	-3.75	22.75
	FEADB 1	Normal	33.750*	6.216	.000	20.50	47.00
		Sakit	-21.500*	6.216	.004	-34.75	-8.25
		Pembanding	-12.500	6.216	.063	-25.75	.75
		FEADB 2	-3.000	6.216	.636	-16.25	10.25
	FEADB 2	Normal	36.750*	6.216	.000	23.50	50.00
		Sakit	-18.500*	6.216	.009	-31.75	-5.25
		Pembanding	-9.500	6.216	.147	-22.75	3.75
		FEADB 1	3.000	6.216	.636	-10.25	16.25

H28

Kolesterol Total_H28	Normal	Sakit	-66.500*	9.281	.000	-86.28	-46.72
		Pembanding	.500	9.281	.958	-19.28	20.28
		FEADB 1	-.750	9.281	.937	-20.53	19.03
		FEADB 2	-4.500	9.281	.635	-24.28	15.28
	Sakit	Normal	66.500*	9.281	.000	46.72	86.28
		Pembanding	67.000*	9.281	.000	47.22	86.78
		FEADB 1	65.750*	9.281	.000	45.97	85.53
		FEADB 2	62.000*	9.281	.000	42.22	81.78
	Pembanding	Normal	-.500	9.281	.958	-20.28	19.28
		Sakit	-67.000*	9.281	.000	-86.78	-47.22
		FEADB 1	-1.250	9.281	.895	-21.03	18.53
		FEADB 2	-5.000	9.281	.598	-24.78	14.78
	FEADB 1	Normal	.750	9.281	.937	-19.03	20.53
		Sakit	-65.750*	9.281	.000	-85.53	-45.97
		Pembanding	1.250	9.281	.895	-18.53	21.03
		FEADB 2	-3.750	9.281	.692	-23.53	16.03
	FEADB 2	Normal	4.500	9.281	.635	-15.28	24.28
		Sakit	-62.000*	9.281	.000	-81.78	-42.22
		Pembanding	5.000	9.281	.598	-14.78	24.78
		FEADB 1	3.750	9.281	.692	-16.03	23.53

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

Lampiran 10. Hasil Uji Statistik Trigliserida

Kelompok	Tikus ke-	Kadar Trigliserida (mg/dL)	
		Sebelum pengobatan (induksi)	Setelah pengobatan
Normal	1	39,0	40,0
	2	38,2	37,0
	3	32,1	43,9
	4	41,1	36,7
	Rata-rata	37,60 ± 3,87	39,40 ± 3,35
Sakit	1	117,8	117,8
	2	77,6	102,2
	3	121,2	122,2
	4	110,8	118,8
	Rata-rata	106,85 ± 19,97	115,25 ± 8,90
Pembanding	1	95,3	50,1
	2	69,1	35,1
	3	106,5	59,0
	4	110,8	27,4
	Rata-rata	95,43 ± 18,73	42,90 ± 14,28
FEADB 1	1	77,0	47,5
	2	96,1	46,5
	3	95,3	44,7
	4	92,2	39,9
	Rata-rata	90,15 ± 8,93	44,65 ± 3,37
FEADB 2	1	95,9	44,4
	2	114,0	55,5
	3	95,0	55,8
	4	85,5	51,0
	Rata-rata	97,60 ± 11,90	51,68 ± 5,32

a. Uji Normalitas

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Kelompok Tikus	Statistic	df	Sig.	Statistic	df	Sig.
Trigliserida_ H3	Normal	.301	4	.	.897	4	.414
	Sakit	.330	4	.	.804	4	.109
	Pembanding	.239	4	.	.886	4	.365
	FEADB 1	.340	4	.	.785	4	.079
	FEADB 2	.309	4	.	.913	4	.497
Trigliserida_H28	Normal	.275	4	.	.854	4	.241
	Sakit	.370	4	.	.797	4	.097
	Pembanding	.204	4	.	.960	4	.778
	FEADB 1	.250	4	.	.895	4	.405
	FEADB 2	.273	4	.	.852	4	.233

a. Lilliefors Significance Correction

Kesimpulan: P>0,05 artinya semua data kadar trigliserida terdistribusi normal

b. Uji Homogenitas

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Trigliserida_ H3	Based on Mean	1.596	4	15	.227
	Based on Median	.793	4	15	.548
	Based on Median and with adjusted df	.793	4	9.137	.558
	Based on trimmed mean	1.441	4	15	.269
Trigliserida_H28	Based on Mean	4.851	4	15	.010
	Based on Median	2.795	4	15	.064
	Based on Median and with adjusted df	2.795	4	7.826	.103
	Based on trimmed mean	4.569	4	15	.013

Kesimpulan:

H3: P>0,05 artinya semua data kadar trigliserida homogen

H28: P>0,05 artinya semua data kadar trigliserida tidak homogen

c. Uji Anova

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Trigliserida_ H3	Between Groups	12146.200	4	3036.550	15.489	.000
	Within Groups	2940.750	15	196.050		
	Total	15086.950	19			
Trigliserida_H28	Between Groups	16227.300	4	4056.825	58.780	.000
	Within Groups	1035.250	15	69.017		
	Total	17262.550	19			

Kesimpulan: P<0,05 artinya terdapat perbedaan bermakna antar kelompok perlakuan.

d. Uji Post Hoc LSD

H3

Test LSD

Dependent Variable	(I) Kelompok Tikus	(J) Kelompok Tikus	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Trigliserida_ H3	Normal	Sakit	-69.500*	9.901	.000	-90.60	-48.40
		Pembanding	-58.000*	9.901	.000	-79.10	-36.90
		FEADB 1	-52.500*	9.901	.000	-73.60	-31.40
		FEADB 2	-60.250*	9.901	.000	-81.35	-39.15
	Sakit	Normal	69.500*	9.901	.000	48.40	90.60
		Pembanding	11.500	9.901	.264	-9.60	32.60
		FEADB 1	17.000	9.901	.107	-4.10	38.10
		FEADB 2	9.250	9.901	.365	-11.85	30.35
	Pembanding	Normal	58.000*	9.901	.000	36.90	79.10
		Sakit	-11.500	9.901	.264	-32.60	9.60
		FEADB 1	5.500	9.901	.587	-15.60	26.60
		FEADB 2	-2.250	9.901	.823	-23.35	18.85
	FEADB 1	Normal	52.500*	9.901	.000	31.40	73.60
		Sakit	-17.000	9.901	.107	-38.10	4.10
		Pembanding	-5.500	9.901	.587	-26.60	15.60
		FEADB 2	-7.750	9.901	.446	-28.85	13.35
	FEADB 2	Normal	60.250*	9.901	.000	39.15	81.35
		Sakit	-9.250	9.901	.365	-30.35	11.85
		Pembanding	2.250	9.901	.823	-18.85	23.35
		FEADB 1	7.750	9.901	.446	-13.35	28.85

H28

Trigliserida_H28	Normal	Sakit	-75.750*	5.874	.000	-88.27	-63.23
		Pembanding	-3.250	5.874	.588	-15.77	9.27
		FEADB 1	-5.500	5.874	.364	-18.02	7.02
		FEADB 2	-12.250	5.874	.055	-24.77	.27
	Sakit	Normal	75.750*	5.874	.000	63.23	88.27
		Pembanding	72.500*	5.874	.000	59.98	85.02
		FEADB 1	70.250*	5.874	.000	57.73	82.77
		FEADB 2	63.500*	5.874	.000	50.98	76.02
	Pembanding	Normal	3.250	5.874	.588	-9.27	15.77
		Sakit	-72.500*	5.874	.000	-85.02	-59.98
		FEADB 1	-2.250	5.874	.707	-14.77	10.27
		FEADB 2	-9.000	5.874	.146	-21.52	3.52
	FEADB 1	Normal	5.500	5.874	.364	-7.02	18.02
		Sakit	-70.250*	5.874	.000	-82.77	-57.73
		Pembanding	2.250	5.874	.707	-10.27	14.77
		FEADB 2	-6.750	5.874	.269	-19.27	5.77
	FEADB 2	Normal	12.250	5.874	.055	-.27	24.77
		Sakit	-63.500*	5.874	.000	-76.02	-50.98
		Pembanding	9.000	5.874	.146	-3.52	21.52
		FEADB 1	6.750	5.874	.269	-5.77	19.27

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

Lampiran 11. Hasil Uji Statistik Kolesterol HDL

Kelompok	Tikus ke-	Kadar kolesterol HDL (mg/dL)	
		Sebelum pengobatan (induksi)	Setelah pengobatan
Normal	1	16,0	19,4
	2	25,0	23,9
	3	19,8	16,1
	4	22,1	16,2
	Rata-rata	20,73 ± 3,80	18,90 ± 3,67
Sakit	1	20,7	15,3
	2	14,3	13,7
	3	15,3	16,2
	4	19,3	14,6
	Rata-rata	17,40 ± 3,08	14,95 ± 1,06
Pembanding	1	13,5	9,5
	2	16,2	13,7
	3	13,9	14,3
	4	9,7	24,3
	Rata-rata	13,33 ± 2,69	15,45 ± 6,27
FEADB 1	1	16,0	13,0
	2	13,3	15,0
	3	15,0	22,6
	4	18,5	18,3
	Rata-rata	15,70 ± 2,17	17,23 ± 4,20
FEADB 2	1	13,8	18,4
	2	10,8	11,6
	3	15,5	21,9
	4	19,6	14,7
	Rata-rata	14,93 ± 3,67	16,65 ± 4,47

a. Uji Normalitas

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Kelompok Tikus	Statistic	df	Sig.	Statistic	df	Sig.
Kadar Kolesterol HDL H3	Normal	.171	4	.	.994	4	.976
	Sakit	.252	4	.	.916	4	.513
	Pembanding	.329	4	.	.895	4	.406
	FEADB 1	.210	4	.	.982	4	.911
	FEADB 2	.171	4	.	.994	4	.976
Kadar Kolesterol HDL H28	Normal	.267	4	.	.841	4	.199
	Sakit	.250	4	.	.945	4	.683
	Pembanding	.349	4	.	.865	4	.279
	FEADB 1	.198	4	.	.958	4	.764
	FEADB 2	.159	4	.	.993	4	.970

a. Lilliefors Significance Correction

Kesimpulan: P>0,05 artinya semua data kadar kolesterol HDL terdistribusi normal

b. Uji Homogenitas

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kadar Kolesterol HDL H3	Based on Mean	.442	4	15	.777
	Based on Median	.505	4	15	.732
	Based on Median and with adjusted df	.505	4	12.715	.733
	Based on trimmed mean	.450	4	15	.771
Kadar Kolesterol HDL H28	Based on Mean	1.555	4	15	.237
	Based on Median	.784	4	15	.553
	Based on Median and with adjusted df	.784	4	7.672	.568
	Based on trimmed mean	1.449	4	15	.266

Kesimpulan:

H3: P>0,05 artinya data kadar kolesterol HDL homogen

H28: P>0,05 artinya data kadar kolesterol HDL homogen

c. Uji Anova

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Kadar Kolesterol HDL H3	Between Groups	119.000	4	29.750	2.861	.060
	Within Groups	156.000	15	10.400		
	Total	275.000	19			
Kadar Kolesterol HDL H28	Between Groups	35.300	4	8.825	.503	.734
	Within Groups	263.250	15	17.550		
	Total	298.550	19			

Kesimpulan: P>0,05 artinya tidak terdapat perbedaan bermakna antar kelompok perlakuan.

Lampiran 12. Hasil Uji Statistik Kolesterol LDL

Kelompok	Tikus ke-	Kadar kolesterol LDL (mg/dL)	
		Sebelum pengobatan (induksi)	Setelah pengobatan
Normal	1	10,5	11,8
	2	8,4	17,4
	3	16,1	10,9
	4	25,0	19,3
	Rata-rata	14,98 ± 7,42	14,85 ± 4,11
Sakit	1	70,7	98,1
	2	66,7	91,7
	3	50,3	45,2
	4	49,9	45,9
	Rata-rata	59,41 ± 10,87	70,23 ± 28,62
Pembanding	1	48,2	28,0
	2	66,5	22,6
	3	58,9	16,0
	4	53,1	2,0
	Rata-rata	56,69 ± 7,85	17,15 ± 11,21
FEADB 1	1	56,6	22,8
	2	33,4	19,8
	3	37,8	10,4
	4	44,3	12,3
	Rata-rata	43,02 ± 10,09	16,32 ± 5,93
FEADB 2	1	51,0	10,9
	2	45,4	26,0
	3	48,1	18,9
	4	36,7	21,3
	Rata-rata	45,31 ± 6,18	19,29 ± 6,30

a. Uji Normalitas

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Kelompok Tikus	Statistic	df	Sig.	Statistic	df	Sig.
Kadar Kolesterol LDL H3	Normal	.205	4	.	.944	4	.676
	Sakit	.304	4	.	.807	4	.116
	Pembanding	.174	4	.	.987	4	.944
	FEADB 1	.212	4	.	.950	4	.718
	FEADB 2	.233	4	.	.942	4	.666
Kadar Kolesterol LDL H28	Normal	.262	4	.	.895	4	.408
	Sakit	.301	4	.	.787	4	.081
	Pembanding	.206	4	.	.946	4	.694
	FEADB 1	.252	4	.	.903	4	.444
	FEADB 2	.234	4	.	.970	4	.841

a. Lilliefors Significance Correction

Kesimpulan: P>0,05 artinya semua data kadar kolesterol LDL terdistribusi normal

b. Uji Homogenitas

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kadar Kolesterol LDL H3	Based on Mean	1.094	4	15	.395
	Based on Median	.941	4	15	.467
	Based on Median and with adjusted df	.941	4	10.597	.477
	Based on trimmed mean	1.092	4	15	.396
Kadar Kolesterol LDL H28	Based on Mean	26.153	4	15	.000
	Based on Median	22.541	4	15	.000
	Based on Median and with adjusted df	22.541	4	6.744	.001
	Based on trimmed mean	26.102	4	15	.000

Kesimpulan:

H3: P>0,05 artinya data kadar kolesterol LDL homogen

H28: P>0,05 artinya data kadar kolesterol LDL tidak homogen

c. Uji Anova

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Kadar Kolesterol LDL H3	Between Groups	4959.800	4	1239.950	16.219	.000
	Within Groups	1146.750	15	76.450		
	Total	6106.550	19			
Kadar Kolesterol LDL H28	Between Groups	9159.200	4	2289.800	10.974	.000
	Within Groups	3129.750	15	208.650		
	Total	12288.950	19			

Kesimpulan: P<0,05 artinya terdapat perbedaan bermakna antar kelompok perlakuan.

d. Uji Post Hoc LSD

H3

Test LSD

Dependent Variable	(I) Kelompok Tikus	(J) Kelompok Tikus	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Kadar Kolesterol LDL H3	Normal	Sakit	-44.500*	6.183	.000	-57.68	-31.32
		Pembanding	-41.500*	6.183	.000	-54.68	-28.32
		FEADB 1	-28.000*	6.183	.000	-41.18	-14.82
		FEADB 2	-30.250*	6.183	.000	-43.43	-17.07
	Sakit	Normal	44.500*	6.183	.000	31.32	57.68
		Pembanding	3.000	6.183	.635	-10.18	16.18
		FEADB 1	16.500*	6.183	.018	3.32	29.68
		FEADB 2	14.250*	6.183	.036	1.07	27.43
	Pembanding	Normal	41.500*	6.183	.000	28.32	54.68
		Sakit	-3.000	6.183	.635	-16.18	10.18
		FEADB 1	13.500*	6.183	.045	.32	26.68
		FEADB 2	11.250	6.183	.089	-1.93	24.43
	FEADB 1	Normal	28.000*	6.183	.000	14.82	41.18
		Sakit	-16.500*	6.183	.018	-29.68	-3.32
		Pembanding	-13.500*	6.183	.045	-26.68	-.32
		FEADB 2	-2.250	6.183	.721	-15.43	10.93
	FEADB 2	Normal	30.250*	6.183	.000	17.07	43.43
		Sakit	-14.250*	6.183	.036	-27.43	-1.07
		Pembanding	-11.250	6.183	.089	-24.43	1.93
		FEADB 1	2.250	6.183	.721	-10.93	15.43

H28

Kadar Kolesterol LDL H28	Normal	Sakit	-55.500*	10.214	.000	-77.27	-33.73
		Pembanding	-2.500	10.214	.810	-24.27	19.27
		FEADB 1	-1.500	10.214	.885	-23.27	20.27
		FEADB 2	-4.500	10.214	.666	-26.27	17.27
	Sakit	Normal	55.500*	10.214	.000	33.73	77.27
		Pembanding	53.000*	10.214	.000	31.23	74.77
		FEADB 1	54.000*	10.214	.000	32.23	75.77
		FEADB 2	51.000*	10.214	.000	29.23	72.77
	Pembanding	Normal	2.500	10.214	.810	-19.27	24.27
		Sakit	-53.000*	10.214	.000	-74.77	-31.23
		FEADB 1	1.000	10.214	.923	-20.77	22.77
		FEADB 2	-2.000	10.214	.847	-23.77	19.77
	FEADB 1	Normal	1.500	10.214	.885	-20.27	23.27
		Sakit	-54.000*	10.214	.000	-75.77	-32.23
		Pembanding	-1.000	10.214	.923	-22.77	20.77
		FEADB 2	-3.000	10.214	.773	-24.77	18.77
	FEADB 2	Normal	4.500	10.214	.666	-17.27	26.27
		Sakit	-51.000*	10.214	.000	-72.77	-29.23
		Pembanding	2.000	10.214	.847	-19.77	23.77
		FEADB 1	3.000	10.214	.773	-18.77	24.77

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

Lampiran 13. Uji Statistik Indeks Aterogenik Plasma (IAP)

Kelompok	Tikus ke-	Kadar Indeks Aterogenik Plasma	
		Sebelum pengobatan (induksi)	Setelah pengobatan
Normal	1	0,39	0,31
	2	0,18	0,19
	3	0,21	0,44
	4	0,27	0,36
	Rata-rata	0,26 ± 0,09	0,32 ± 0,10
Sakit	1	0,76	0,89
	2	0,73	0,87
	3	0,90	0,88
	4	0,76	0,91
	Rata-rata	0,79 ± 0,08	0,89 ± 0,02
Pembanding	1	0,85	0,72
	2	0,63	0,41
	3	0,88	0,62
	4	1,06	0,05
	Rata-rata	0,86 ± 0,18	0,45 ± 0,30
FEADB 1	1	0,68	0,56
	2	0,86	0,49
	3	0,80	0,30
	4	0,70	0,34
	Rata-rata	0,76 ± 0,08	0,42 ± 0,13
FEADB 2	1	0,84	0,38
	2	1,02	0,68
	3	0,79	0,41
	4	0,64	0,54
	Rata-rata	0,82 ± 0,16	0,50 ± 0,14

a. Uji Normalitas

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Kelompok Tikus	Statistic	df	Sig.	Statistic	df	Sig.
Indeks Aterogenik_ H3	Normal	.218	4	.	.920	4	.538
	Sakit	.391	4	.	.781	4	.072
	Pembanding	.239	4	.	.968	4	.829
	FEADB 1	.260	4	.	.912	4	.492
	FEADB 2	.206	4	.	.986	4	.934
Indeks Aterogenik_H28	Normal	.193	4	.	.986	4	.938
	Sakit	.192	4	.	.971	4	.850
	Pembanding	.217	4	.	.932	4	.605
	FEADB 1	.249	4	.	.916	4	.514
	FEADB 2	.250	4	.	.919	4	.531

a. Lilliefors Significance Correction

Kesimpulan: P>0,05 artinya semua data indeks aterogenik terdistribusi normal

b. Uji Homogenitas

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Indeks Aterogenik_ H3	Based on Mean	.501	4	15	.736
	Based on Median	.582	4	15	.680
	Based on Median and with adjusted df	.582	4	9.759	.683
	Based on trimmed mean	.512	4	15	.728
Indeks Aterogenik_H28	Based on Mean	3.621	4	15	.029
	Based on Median	2.971	4	15	.054
	Based on Median and with adjusted df	2.971	4	5.030	.131
	Based on trimmed mean	3.612	4	15	.030

Kesimpulan:

H3: P>0,05 artinya data indeks aterogenik homogen

H28: P>0,05 artinya data indeks aterogenik tidak homogen

c. Uji Anova

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Indeks Aterogenik_ H3	Between Groups	.967	4	.242	15.630	.000
	Within Groups	.232	15	.015		
	Total	1.199	19			
Indeks Aterogenik_H28	Between Groups	.751	4	.188	7.060	.002
	Within Groups	.399	15	.027		
	Total	1.150	19			

Kesimpulan: P<0,05 artinya terdapat perbedaan bermakna antar kelompok perlakuan.

d. Uji Post Hoc LSD

H3

Test LSD

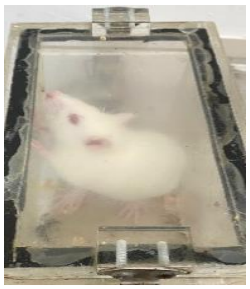
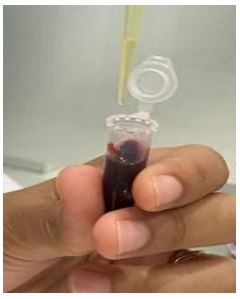
Dependent Variable	(I) Kelompok Tikus	(J) Kelompok Tikus	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Indeks Aterogenik_ H3	Normal	Sakit	-.52500*	.08793	.000	-.7124	-.3376
		Pembanding	-.59250*	.08793	.000	-.7799	-.4051
		FEADB 1	-.49750*	.08793	.000	-.6849	-.3101
		FEADB 2	-.56000*	.08793	.000	-.7474	-.3726
	Sakit	Normal	.52500*	.08793	.000	.3376	.7124
		Pembanding	-.06750	.08793	.455	-.2549	.1199
		FEADB 1	.02750	.08793	.759	-.1599	.2149
		FEADB 2	-.03500	.08793	.696	-.2224	.1524
	Pembanding	Normal	.59250*	.08793	.000	.4051	.7799
		Sakit	.06750	.08793	.455	-.1199	.2549
		FEADB 1	.09500	.08793	.297	-.0924	.2824
		FEADB 2	.03250	.08793	.717	-.1549	.2199
	FEADB 1	Normal	.49750*	.08793	.000	.3101	.6849
		Sakit	-.02750	.08793	.759	-.2149	.1599
		Pembanding	-.09500	.08793	.297	-.2824	.0924
		FEADB 2	-.06250	.08793	.488	-.2499	.1249
	FEADB 2	Normal	.56000*	.08793	.000	.3726	.7474
		Sakit	.03500	.08793	.696	-.1524	.2224
		Pembanding	-.03250	.08793	.717	-.2199	.1549
		FEADB 1	.06250	.08793	.488	-.1249	.2499

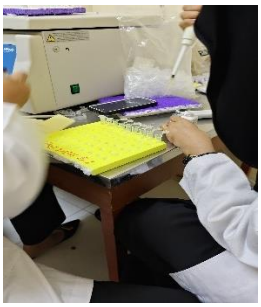
H28

Indeks Aterogenik_H28	Normal	Sakit	-.56250*	.11531	.000	-.8083	-.3167
		Pembanding	-.12500	.11531	.295	-.3708	.1208
		FEADB 1	-.09750	.11531	.411	-.3433	.1483
		FEADB 2	-.17750	.11531	.145	-.4233	.0683
	Sakit	Normal	.56250*	.11531	.000	.3167	.8083
		Pembanding	.43750*	.11531	.002	.1917	.6833
		FEADB 1	.46500*	.11531	.001	.2192	.7108
		FEADB 2	.38500*	.11531	.004	.1392	.6308
	Pembanding	Normal	.12500	.11531	.295	-.1208	.3708
		Sakit	-.43750*	.11531	.002	-.6833	-.1917
		FEADB 1	.02750	.11531	.815	-.2183	.2733
		FEADB 2	-.05250	.11531	.655	-.2983	.1933
	FEADB 1	Normal	.09750	.11531	.411	-.1483	.3433
		Sakit	-.46500*	.11531	.001	-.7108	-.2192
		Pembanding	-.02750	.11531	.815	-.2733	.2183
		FEADB 2	-.08000	.11531	.498	-.3258	.1658
	FEADB 2	Normal	.17750	.11531	.145	-.0683	.4233
		Sakit	-.38500*	.11531	.004	-.6308	-.1392
		Pembanding	.05250	.11531	.655	-.1933	.2983
		FEADB 1	.08000	.11531	.498	-.1658	.3258

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

Lampiran 14. Dokumentasi

Tanaman binahong 	Aklimatisasi tikus 	Fraksi daun binahong 	Pembuatan larutan fraksi
Streptozotosin 	Pembuatan larutan STZ 	Larutan STZ 	Cek PH larutan STZ
Induksi STZ 	Perlakuan secara oral 	Pengukuran KGD pada ekor tikus 	Hasil KGD Diabetes
Hasil KGD normal 	Anestesi diberi gas co2 	Pengambilan darah dari mata 	Pemisahan serum darah 

Pembedahan tikus	Organ Aorta	Preparasi sampel	Pengukuran kadar lipid
			

Lampiran 15. Hasil Uji Plagiarisme

Nida Putri Apriliyanti_Aktivitas Antidislipidemia Fraksi Etil Asetat Ekstrak Etanol Daun Binahong (Anredera Cordifolia (Ten.) Steenis) Pada Tikus Diabetes Mellitus Yang Diinduksi Streptozotosin

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KARTU BIMBINGAN ~~TUGAS AKHIR~~ I/TUGAS AKHIR II

Pembimbing Utama	: Dr. apt. Yani Mulyani, M.Si.
Nama Mahasiswa	: Nrda puiri Apriliyanti
NPM	: 2215F04038
Bidang Ilmu	: Farmakologi dan Farmasi Klinis (FFK)

No	Hari/Tanggal	Waktu	Tempat	Materi	Paraf Dosen
1.	26 Februari 2024	10.00	Ruang WR 1	Diskusi terkait trial dosis streptozotosin	
2.	27 Maret 2024	14.00	Ruang WR1	progress hasil penelitian	
3.	26 Mei 2024	16.30	zoom meeting	Presentasi laporan kemajuan 2 TA 2	
4.	27 Mei 2024	12.30	Ruang WR1	Diskusi terkait laporan kemajuan 2	
5.	28 Mei 2024	11.30	Ruang WR 1	Bimbingan diskusi hasil penelitian	
6.	10 Juni 2024	11.00	Ruang WR1	Bimbingan diskusi hasil	
7.	21 Juni 2024	11.30	Ruang WR1	Bimbingan hasil penelitian	
8.	28 Juni 2024	15.00	Online	Bimbingan hasil histologi	
9.	5 Juli 2024	12.00	Ruang WR1	Bimbingan data penelitian	

Catatan : Kartu ini harus dibawa setiap kali melakukan bimbingan dan harus diisi oleh dosen pembimbing.

Fakultas Farmasi
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Bhakti Kencana

KARTU BIMBINGAN ~~TUGAS AKHIR~~ I/TUGAS AKHIR II

Pembimbing Serta	: Dr. apt. Paronah, M.Si
Nama Mahasiswa	: Nida Putri Apriliyanti
NPM	: 2211F04028
Bidang Ilmu	: Farmakologi dan Farmasi Klinik (FFK)

1.	Senin, 29 April 2024	13.00	Zoom meeting	Presentasi Laporan Kemajuan TA 2	
2	Selasa, 30 April 2024	10.30	Ruang Dekan	Bimbingan laporan kemajuan	
3.	Rabu, 29 Mei 2024	20.00	Online	Progress laporan kemajuan 2 TA 2	
4.	Rabu, 26 Juni 2024	13.00	Kampus	Diskusi hasil penelitian	
5.	Selasa, 9 Juli 2024	13.00	Kampus	Bimbingan bab IV	
6.	Kamis, 11 Juli 2024	11.00	Kampus	Revisi bab IV	
7.	Rabu, 10 Juli 2024	13.00	Online	Upload hasil penelitian ke google drive	
8.	Jumat, 12 Juli 2024	21.00	Online	Revisi draft skripsi	

Catatan : Kartu ini harus dibawa setiap kali melakukan bimbingan dan harus diisi oleh dosen pembimbing.

NIDA PUTRI APRILIYANTI

PENDIDIKAN

(2022-2024) Universitas Bhakti Kencana Bandung-S1 Farmasi

(2019-2022) Poltekkes Kemenkes Bandung-D3 Farmasi

(2016-2019) SMA Negeri 1 Jatiwangi

PENGALAMAN KERJA

Rumah Sakit Dustira Cimahi-2022

- Melakukan pengelolaan perbekalan farmasi yang mencakup penyimpanan, pencatatan, dan stock opname.
- Melakukan dispensing obat.

Lembaga Farmasi TNI AD (LAFI AD)-2022

- Melakukan produksi tablet
- Melakukan evaluasi sediaan tablet

PENGALAMAN ORGANISASI

Himpunan Mahasiswa Farmasi (HIMA)-Divisi ASO

- Mengadakan kegiatan dalam pengembangan minat dan bakat seni dan olahraga
- Menyediakan sarana dan prasarana latihan rutin

SERTIFIKAT

- Surat Tanda Registrasi Tenaga Teknis Kefarmasian (STRTTK)
- Sertifikat Kompetensi (SERKOM)
- Sertifikat PKL LAFI AD
- Sertifikat PKL RS Dustira

KEAHLIAN

- Mampu bersosialisasi dengan baik
- Mampu memberikan informasi dengan teliti

082116590316

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RW 003 Kec. Kasokandel Kab. Majalengka