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Lampiran 1



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
UNIVERSITAS NEGERI MAKASSAR (UNM)
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM
LABORATORIUM BIOLOGI

Alamat : Kampus Parangtambung Jl. Dg. Tala Raya
Tlp. (0411) 840610 Fax. (0411) 841504 Makassar 90224
Laman : <http://bio.fmipa.unm.ac.id>

No : DS/SKAP/LAB.BIOLOGI/V/2020

Makassar, 26 Februari 2020

Lamp : -

Hal : Hasil Determinasi/Identifikasi Tumbuhan

Kepada Yth.

Ummul Khairi Amsyah (NIM: C013171025)

Program Studi Ilmu Kedokteran S3

UNHAS

Dengan hormat,

Bersama ini kami sampaikan hasil determinasi/identifikasi tumbuhan yang saudara kirimkan ke laboratorium Botani Jurusan Biologi FMIPA Universitas Negeri Makassar, sebagai berikut:

No	No. Koleksi	Species	Familia
1	01	<i>Coleus scutellarioides</i> (L.) Bth.	Lamiaceae/Labiatae

Demikian untuk diketahui dan dipergunakan sebagaimana mestinya.

Kepala Laboratorium Biologi
FMIPA UNM

Dr. A. Mu'nisa, S.Si, M.Si.
NIP. 19720526 199802 2 001



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
UNIVERSITAS NEGERI MAKASSAR (UNM)
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM
LABORATORIUM BIOLOGI

Alamat : Kampus Parangtambung Jl. Dg. Tata Raya
Tlp. (0411) 840610 Fax. (0411) 841504 Makassar 90224
Laman : <http://bio.fmipa.unm.ac.id>

Deskripsi *Coleus scutellarioides* (L.) Benth.

Herba tegak, bienial, ungu kemerahan sampai ungu kecoklatan, tinggi mencapai 0,5-1,5 m. Akar tunggang, bercabang-cabang. Batang basah, bercabang-cabang, bekas duduk daun jelas, persegi empat, beralur, berambut. Daun tunggal bulat, duduk berhadapan berseling, bulat telur, pangkal membulat, ujung runcing, tepi bergerigi, permukaan atas kasar, lebih gelap, permukaan bawah agak kasar, lebih terang, tulang daun menyirip memperlihatkan alur yang jelas, tangkai daun berambut halus rapat, panjang 2-3,5 cm. Bunga majemuk tersusun dalam tandan yang terdapat pada ujung-ujung batang atau tangkai, mahkota berbibir 2 dengan bibir bawah menggantung, berwarna putih keunguan. Buah keras, licin.


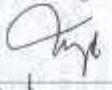

Klasifikasi *Coleus scutellarioides* (L.) Benth.

Kingdom : Plantae
Divisio : Magnoliophyta
Classis : Magnoliopsida
Subclassis : Asteridae
Ordo : Lamiales
Familia : Lamiaceae (Labiatae)
Genus : *Coleus*
Species : *Coleus scutellarioides* (L.) Benth.


Referensi:

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Lampiran 2

 KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN RSPTN UNIVERSITAS HASANUDDIN RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR KOMITE ETIK PENELITIAN KESEHATAN Sekretariat : Lantai 3 Gedung Laboratorium Terpadu JL. PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR. 90245, Contact Person: dr. Agussalim Bukhari, MMed, PhD, SpGK TELP. 081225704670 e-mail : agussalimbukhari@yahoo.com			
REKOMENDASI PERSETUJUAN ETIK			
Nomor : 475/UN4.6.4.5.31/ PP36/ 2019			
Tanggal: 2 Juli 2019			
Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :			
No Protokol	UH19040207	No Sponsor	
Peneliti Utama	drg. Ummul Khairi Amsyah, M. Kes	Protokol	
Judul Peneliti	Analisis Efek Ekstrak Daun Miana Ungu (Coleus scutellarioides (L) Benth) Terhadap Bacterial Load dan Ekspresi mRNA Gen Interleukin 10 Pada Tikus Yang Diinduksi Agregatibacter actinomycetemcomitans		
No Versi Protokol	2	Tanggal Versi	27 Mei 2019
No Versi PSP		Tanggal Versi	
Tempat Penelitian	Animal Laboratorium FKUH dan Laboratorium Biologi Molekuler dan Imunologi Universitas Hasanuddin Makassar		
Jenis Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal	Masa Berlaku 2 Juli 2019 sampai 2 Juli 2020	Frekuensi review lanjutan.
Wakil Ketua Komisi Etik Penelitian	Nama Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)	Tanda tangan	
Sekretaris Komisi Etik Penelitian	Nama dr. Agussalim Bukhari, M.Med.,Ph.D.,Sp.GK (K)	Tanda tangan	
Kewajiban Peneliti Utama:			
<ul style="list-style-type: none"> Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan Menyerahkan Laporan SAE ke Komisi Etik dalam 24 jam dan dilengkapi dalam 7 hari dan Laporan SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah Menyerahkan laporan akhir setelah Penelitian berakhir Melaporkan penyimpangan dari prokol yang disetujui (protocol deviation / violation) Mematuhi semua peraturan yang ditentukan 			

Lampiran 3




LABORATORIUM FARMAKOGNOSI-FITOKIMIA
FAKULTAS FARMASI
UNIVERSITAS HASANUDDIN
 KAMPUS UNHAS TAMALANREA JL. P. KEMERDEKAAN KM.10
 Tlp. 0411 588556, 586200, Ext. 1093, Fax. 0411 590663 MAKASSAR 90245

LEMBAR HASIL

Sampel : Ekstrak Daun Miana
 Tanggal Pemeriksaan : 23 September 2019



No.	Jenis Pengujian	Parameter Positif	Hasil
1	Flavonoid	Warna Merah	+ (positif)
2	Saponin	Terbentuk Buih Stabil selama 10 menit	+ (positif)
3	Alkaloid	Warna Jingga-Merah	Tidak terjadi perubahan warna (negatif)
4	Tanin	Warna Hija-Biru Kehitaman	+ (positif)
5	Triterpenoid	Warna Merah-Ungu	Tidak terjadi perubahan warna (negatif)

Makassar, September 2019
 Kepala Laboratorium




Prof. DR. Gemini Alam, M.Si., Apt

Lampiran 4

BORATORIUM BIOFARMAKA KULTAS FARMASI IVERSITAS HASANUDDIN MAKASSAR			Bagian : IK. i Lembar : 2 dari 2 Halaman Edisi/Revisi : 00 Tgl Terbit : 14 Maret 2014 Tgl Revisi : 00 Paraf MM :								
HASIL PENGUJIAN											
1. Nama peneliti 2. Unit Kerja 3. Nama produk 4. Tanggal pemeriksaan sampel 5. Parameter Uji	: Ummul Khairi Amsyah : Prodi S3 Ilmu Kedokteran, Fakultas Kedokteran UNHAS : Ekstrak Daun miana ungu : 16 Mei 2019 : Analisis Kandungan Flavonoid										
<table border="1"> <thead> <tr> <th>Kode Sampel</th> <th>Hasil Uji (%)</th> <th>Metode Pengujian</th> <th>Keterangan</th> </tr> </thead> <tbody> <tr> <td>Ekstrak daun miana</td> <td>4.754</td> <td>AIC₃</td> <td></td> </tr> </tbody> </table>	Kode Sampel	Hasil Uji (%)	Metode Pengujian	Keterangan	Ekstrak daun miana	4.754	AIC ₃				
Kode Sampel	Hasil Uji (%)	Metode Pengujian	Keterangan								
Ekstrak daun miana	4.754	AIC ₃									
di: Makassar	pada tanggal : 29 Mei 2019										
Kepala Laboratorium Biofarmaka  Prof. Dr. Ely Wahyudin, DEA., Apt NIP 19560114 198601 2 001											

Lampiran 5

LABORATORIUM BIOFARMAKA		Bagian	: IK. I
FAKULTAS FARMASI		Lembar	: 1 dari 2 Halaman
UNIVERSITAS HASANUDDIN		Edisi/Revisi	: 00
REKAMAN		Tgl Terbit	: 14 Maret 2014
		Tgl Revisi	: 00
		Paraf MM	:


HASIL PENGUJIAN

1. Nama peneliti : Ummul Khairi Amsyah
2. Unit Kerja : Prodi S3 Ilmu Kedokteran, Fakultas Kedokteran UNHAS
3. Nama produk : Ekstrak Daun miana ungu
4. Tanggal pemeriksaan sampel : 16 Mei 2019
5. Parameter Uji : Analisis Kandungan Polifenol

No.	Kode Sampel	Hasil Uji (%)	Metode Pengujian	Keterangan
1	Ekstrak daun miana	5.296	Folin Ciocalteu	-

Dibuat di: Makassar pada tanggal : 29 Mei 2019

Kepala Laboratorium Biofarmaka


Prof. Dr. Ely Wahyudin, DEA., Apt
NIP. 19560114 198601 2 001

Lampiran 6

DATA HASIL PENELITIAN

No.	KLP	H1 (sebelum injeksi Aa)				H8 (7 hari pasca injeksi Aa)				H15 (7 hari pasca Intervensi)			
		L6	Hasil	Koloni	Hasil	L6	Hasil	Koloni	Hasil	L6	Hasil	Koloni	Hasil
1	I Herbal	A01	11.56	A01	-	B01	9.13	B01	185	C01	10.90	C01	78
2		A02	10.99	A02	-	B02	8.96	B02	177	C02	11.49	C02	104
3		A03	10.68	A03	-	B03	7.66	B03	191	C03	10.79	C03	81
4	(Minnu)	A04	12.47	A04	-	B04	8.30	B04	173	C04	11.52	C04	54
5		A05	10.43	A05	-	B05	8.10	B05	164	C05	11.25	C05	23
6		A06	10.56	A06	-	B06	9.69	B06	175	C06	7.14	C06	103
7	II Aquadest	A07	12.01	A07	-	B07	8.35	B07	197	C07	6.66	C07	120
8		A08	11.24	A08	-	B08	7.71	B08	189	C08	6.56	C08	270
9		A09	10.16	A09	-	B09	7.96	B09	169	C09	6.38	C09	245
10	III Obat (Levofloxacin)	A10	11.77	A10	-	B10	8.68	B10	154	C10	5.84	C10	261
11		A11	11.00	A11	-	B11	7.59	B11	99	C11	12.79	C11	81
12		A12	12.57	A12	-	B12	8.52	B12	106	C12	12.94	C12	36
13	Obat (Levofloxacin)	A13	11.52	A13	-	B13	9.08	B13	199	C13	13.40	C13	83
14		A14	12.89	A14	-	B14	8.60	B14	232	C14	12.74	C14	22
15		A15	12.04	A15	-	B15	8.89	B15	220	C15	14.05	C15	12

Lampiran 7

OLAH DATA PEMERIKSAAN BACTERIAL LOAD

Descriptives

	Kelompok Intervensi		Statistic	Std. Error			
Bacterial Load sebelum intervensi	EDMU	Mean	178.0000	4.69042			
		95% Confidence Interval for Mean	Lower Bound	164.9773			
			Upper Bound	191.0227			
		5% Trimmed Mean	178.0556				
		Median	177.0000				
		Variance	110.000				
		Std. Deviation	10.48809				
		Minimum	164.00				
		Maximum	191.00				
		Range	27.00				
		Interquartile Range	19.50				
		Skewness	-.119	.913			
		Kurtosis	-.768	2.000			
		Akuedes	Akuedes	Mean	176.8000	7.55248	
				95% Confidence Interval for Mean	Lower Bound	165.8309	
					Upper Bound	197.7691	
				5% Trimmed Mean	176.9444		
Median	175.0000						
Variance	285.200						
Std. Deviation	16.88787						
Minimum	154.00						
Maximum	187.00						
Range	43.00						
Interquartile Range	31.50						
Skewness	-.197			.913			
Kurtosis	-.691			2.000			
Levofloxacin	Levofloxacin			Mean	171.2000	28.56116	
				95% Confidence Interval for Mean	Lower Bound	91.9015	
					Upper Bound	250.4985	
				5% Trimmed Mean	171.8333		
		Median	196.0000				
		Variance	4078.700				
		Std. Deviation	63.86470				
		Minimum	99.00				
		Maximum	232.00				
		Range	133.00				
		Interquartile Range	123.50				

Bacterial Load setelah intervensi	EDMU	Skewness		-,466	,913			
		Kurtosis		-3,103	2,000			
		Mean		68,0000	13,75863			
		95% Confidence Interval for Mean	Lower Bound		29,7999			
			Upper Bound		106,2001			
		5% Trimmed Mean		68,5000				
		Median		78,0000				
		Variance		946,500				
		Std. Deviation		30,76524				
		Minimum		23,00				
		Maximum		104,00				
		Range		81,00				
		Interquartile Range		54,00				
		Skewness		-,630	,913			
		Kurtosis		,173	2,000			
		Akuades	Levofloxacin	Mean		199,8000	36,36949	
95% Confidence Interval for Mean	Lower Bound				98,8221			
	Upper Bound				300,7779			
5% Trimmed Mean				201,2778				
Median				245,0000				
Variance				6613,700				
Std. Deviation				81,32466				
Minimum				103,00				
Maximum				270,00				
Range				167,00				
Interquartile Range				154,00				
Skewness				-,579	,913			
Kurtosis				-3,118	2,000			
Levofloxacin	Levofloxacin			Mean		46,8000	14,87078	
				95% Confidence Interval for Mean	Lower Bound		5,5121	
					Upper Bound		88,0879	
		5% Trimmed Mean		48,7222				
		Median		36,0000				
		Variance		1105,700				
		Std. Deviation		33,25207				
		Minimum		12,00				
		Maximum		83,00				
		Range		71,00				
		Interquartile Range		65,00				
		Skewness		,326	,913			
		Kurtosis		-2,945	2,000			

Tests of Normality

	Kelompok Intervensi	Kolmogorov-Smirnov(a)			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Bacterial Load sebelum intervensi	EDMU	.148	5	.200(*)	.997	5	.969
	Akuades	.165	5	.200(*)	.978	5	.925
	Levofloxacin	.268	5	.200(*)	.824	5	.124
Bacterial Load setelah intervensi	EDMU	.227	5	.200(*)	.962	5	.822
	Akuades	.311	5	.129	.795	5	.074
	Levofloxacin	.248	5	.200(*)	.853	5	.205

* This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Bacterial Load sebelum intervensi EDMU	178.0000	5	10.48809	4.69042
	Bacterial Load setelah intervensi EDMU	68.0000	5	30.76524	13.75063
		Mean	N	Std. Deviation	Std. Error Mean
Pair 2	Bacterial Load sebelum intervensi Akuades	178.8000	5	16.88787	7.55248
	Bacterial Load setelah intervensi Akuades	199.8000	5	81.32486	36.36949
		Mean	N	Std. Deviation	Std. Error Mean
Pair 3	Bacterial Load sebelum intervensi Levofloxacin	171.2000	5	63.86470	28.55116
	Bacterial Load setelah intervensi Levofloxacin	46.8000	5	33.25207	14.87078

Paired Samples Test

		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	Bacterial Load sebelum intervensi EDMU - Bacterial Load setelah intervensi EDMU	110.00000	24.59675	11.00000	79.45910	140.54090	10.000	4	.001
		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 2	Bacterial Load sebelum intervensi Akuades - Bacterial Load setelah intervensi Akuades	-23.00000	89.79699	40.15844	134.49769	88.49769	-.573	4	.597
		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 3	Bacterial Load sebelum intervensi Levofloxacin - Bacterial Load setelah intervensi Levofloxacin	124.40000	84.65695	37.85974	19.28451	229.51549	3.286	4	.030

Test of Homogeneity of Variances

		Sum of Squares	Df	Mean Square	F	Sig.
Bacterial Load sebelum intervensi	Between Groups	131.733	2	65.867	.044	.957
	Within Groups	17895.600	12	1491.300		
	Total	18027.333	14			
Bacterial Load setelah intervensi	Between Groups	68716.133	2	34358.067	11.894	.001
	Within Groups	34963.600	12	2888.633		
	Total	103379.733	14			

	Levene Statistic	df1	df2	Sig.
Bacterial Load sebelum intervensi	24.460	2	12	.000
Bacterial Load setelah intervensi	13.625	2	12	.001

ANOVA

Multiple Comparisons

Dependent Variable: Bacterial load setelah intervensi
Games-Howell

(I) kelompok intervensi	(J) kelompok intervensi	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
EDMU	akuades	-131.80000(*)	38.88496	.042	-257.2591	-6.3409
	levofloxacin	21.20000	20.25932	.571	-36.7630	79.1630
akuades	EDMU	131.80000(*)	38.88496	.042	6.3409	257.2591
	levofloxacin	153.00000(*)	39.29224	.023	27.7028	278.2972
levofloxacin	EDMU	-21.20000	20.25932	.571	-79.1630	36.7630
	akuades	-153.00000(*)	39.29224	.023	-278.2972	-27.7028

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

Lampiran 8

t-test for Equality of Means

OLAH DATA PEMERIKSAAN EKSPRESI GEN mRNA INTERLEUKIN-10

Descriptives

	Kelompok intervensi		Statistic	Std. Error	
IL10_H1	EDMU	Mean	11.2260	.36377	
		95% Confidence Interval for Mean	Lower Bound	10.2160	
			Upper Bound	12.2360	
		5% Trimmed Mean	11.2011		
		Median	10.9900		
		Variance	.862		
		Std. Deviation	.81341		
		Minimum	10.43		
		Maximum	12.47		
		Range	2.04		
		Interquartile Range	1.46		
		Skewness	.993	.913	
		Kurtosis	.283	2.000	
		Akuades	Mean	11.1480	.35073
	95% Confidence Interval for Mean		Lower Bound	10.1742	
			Upper Bound	12.1218	
	5% Trimmed Mean		11.1550		
	Median		11.2400		
	Variance		.815		
	Std. Deviation		.78428		
	Minimum		10.18		
	Maximum		12.01		
	Range		1.85		
	Interquartile Range		1.53		
	Skewness		-.247	.913	
	Kurtosis		-2.138	2.000	
	Levofloxacin	Mean	12.0040	.34270	
95% Confidence Interval for Mean		Lower Bound	11.0525		
		Upper Bound	12.9555		
5% Trimmed Mean		12.0106			
Median		12.0400			
Variance		.587			
Std. Deviation		.76631			
Minimum		11.00			
Maximum		12.89			

IL10_H8	EDMU	Range		1.89		
		Interquartile Range		1.47		
		Skewness		-230	.913	
		Kurtosis		-1.512	2.000	
		Mean		8.4300	27291	
		95% Confidence Interval for Mean	Lower Bound		7.6723	
			Upper Bound		9.1877	
		5% Trimmed Mean		8.4339		
		Median		8.3000		
		Variance		.372		
		Std. Deviation		81025		
		Minimum		7.66		
		Maximum		9.13		
		Range		1.47		
Interquartile Range		1.17				
Skewness		-.005	.913			
Kurtosis		-1.847	2.000			
Akuades		Mean		8.4780	34527	
		95% Confidence Interval for Mean	Lower Bound		7.5194	
			Upper Bound		9.4366	
		5% Trimmed Mean		8.4533		
		Median		8.3500		
		Variance		.596		
		Std. Deviation		.77206		
		Minimum		7.71		
		Maximum		9.69		
		Range		1.98		
		Interquartile Range		1.35		
		Skewness		1.082	.913	
		Kurtosis		1.076	2.000	
		Levofloxacin		Mean		8.5360
95% Confidence Interval for Mean	Lower Bound				7.8226	
	Upper Bound				9.2494	
5% Trimmed Mean				8.5583		
Median				8.6000		
Variance				.330		
Std. Deviation				.57457		
Minimum				7.59		
Maximum				9.06		
Range				1.49		
Interquartile Range				.93		
Skewness				-1.408	.913	
Kurtosis				2.370	2.000	

IL10_H15	EDMU	Mean		11.1900	.14943	
		95% Confidence Interval for Mean	Lower Bound	10.7751		
			Upper Bound	11.6049		
		5% Trimmed Mean		11.1939		
		Median		11.2500		
		Variance		.112		
		Std. Deviation		.33414		
		Minimum		10.79		
		Maximum		11.52		
		Range		.73		
		Interquartile Range		.66		
		Skewness		-.282	.913	
		Kurtosis		-2.721	2.000	
		Akuades	Mean		6.5160	21066
			95% Confidence Interval for Mean	Lower Bound	5.9311	
				Upper Bound	7.1009	
5% Trimmed Mean			6.5189			
Median			6.5600			
Variance			.222			
Std. Deviation			.47104			
Minimum			5.84			
Maximum			7.14			
Range			1.30			
Interquartile Range			.79			
Skewness			-.261	.913		
Kurtosis			1.172	2.000		
Levofloxacin	Mean			13.1840	24582	
	95% Confidence Interval for Mean		Lower Bound	12.5015		
			Upper Bound	13.8865		
	5% Trimmed Mean		13.1806			
	Median		12.9400			
	Variance		.302			
	Std. Deviation		.54966			
	Minimum		12.74			
	Maximum		14.05			
	Range		1.31			
	Interquartile Range		.96			
	Skewness		1.245	.913		
	Kurtosis		.642	2.000		

Tests of Normality

	Kelompok intervensi	Kolmogorov-Smirnov(a)			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	Df	Sig.
IL10_H1	EDMU	.214	5	.200(*)	.929	5	.592
	Akuades	.186	5	.200(*)	.941	5	.674
	Levofloxacin	.170	5	.200(*)	.970	5	.878
IL10_H8	EDMU	.207	5	.200(*)	.942	5	.680
	Akuades	.197	5	.200(*)	.931	5	.602
	Levofloxacin	.289	5	.200(*)	.883	5	.322
IL10_H15	EDMU	.215	5	.200(*)	.882	5	.318
	Akuades	.186	5	.200(*)	.978	5	.923
	Levofloxacin	.271	5	.200(*)	.857	5	.219

* This is a lower bound of the true significance.

a. Lilliefors Significance Correction

REPEAT ANOVA EDMU

Multivariate Tests(b)

Effect		Value	F	Hypothesis df	Error df	Sig.
waktu	Pillai's Trace	.964	39.906(a)	2,000	3,000	.007
	Wilks' Lambda	.036	39.906(a)	2,000	3,000	.007
	Hotelling's Trace	26.604	39.906(a)	2,000	3,000	.007
	Roy's Largest Root	26.604	39.906(a)	2,000	3,000	.007

a. Exact statistic

b. Design: Intercept

Within Subjects Design: waktu

Pairwise Comparisons

(I) waktu	(J) waktu	Mean Difference (I-J)	Std. Error	Sig.(a)	95% Confidence Interval for Difference(a)	
					Lower Bound	Upper Bound
1	2	2.796(*)	.379	.002	1.743	3.849
	3	.036	.337	.820	-.889	.971
2	1	-2.796(*)	.379	.002	-3.849	-1.743
	3	-2.760(*)	.277	.001	-3.529	-1.991
3	1	-.036	.337	.820	-.971	.899
	2	2.760(*)	.277	.001	1.991	3.529

Based on estimated marginal means

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

a. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments)

Test of Homogeneity of Variances

		Sum of Squares	Df	Mean Square	F	Sig.
Bacterial Load sebelum intervensi	Between Groups	131.733	2	65.867	.044	.957
	Within Groups	17895.600	12	1491.300		
	Total	18027.333	14			
Bacterial Load setelah intervensi	Between Groups	68716.133	2	34358.067	11.894	.001
	Within Groups	34963.600	12	2888.633		
	Total	103379.733	14			

	Levene Statistic	df1	df2	Sig.
Bacterial Load sebelum intervensi	24.460	2	12	.000
Bacterial Load setelah intervensi	13.625	2	12	.001

ANOVA

Multiple Comparisons

Dependent Variable: Bacterial load setelah intervensi
Games-Howell

(I) kelompok intervensi	(J) kelompok intervensi	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
EDMU	akuades	-131.80000(*)	38.88486	.042	-257.2591	-6.3409
	levofloxacin	21.20000	20.25932	.571	-36.7630	79.1630
akuades	EDMU	131.80000(*)	38.88486	.042	6.3409	257.2591
	levofloxacin	153.00000(*)	39.29224	.023	27.7028	278.2972
levofloxacin	EDMU	-21.20000	20.25932	.571	-79.1630	36.7630
	akuades	-153.00000(*)	39.29224	.023	-278.2972	-27.7028

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

Pairwise Comparisons

(I) waktu	(J) waktu	Mean Difference (I-J)	Std. Error	Sig. (a)	95% Confidence Interval for Difference(a)	
					Lower Bound	Upper Bound
1	2	3.468(*)	.330	.000	2.552	4.384
	3	-1.180	.446	.057	-2.418	.058
2	1	-3.468(*)	.330	.000	-4.384	-2.552
	3	-4.648(*)	.222	.000	-5.264	-4.032
3	1	1.180	.446	.057	-.058	2.418
	2	4.648(*)	.222	.000	4.032	5.264

Based on estimated marginal means

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

a. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Test of Homogeneity of Variances

IL 10 setelah intervensi

Levene Statistic	df1	df2	Sig.
.554	2	12	.589

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
IL10 sebelum induksi	Between Groups	2.240	2	1.120	1.803	.207
	Within Groups	7.456	12	.621		
	Total	9.696	14			
IL10 sebelum intervensi	Between Groups	.028	2	.014	.033	.968
	Within Groups	5.194	12	.433		
	Total	5.223	14			
IL10 setelah intervensi	Between Groups	117.141	2	58.570	276.423	.000
	Within Groups	2.543	12	.212		
	Total	119.684	14			

Multiple Comparisons

Dependent Variable: IL 10 setelah intervensi
LSD

(I) Kelompok intervensi	(J) Kelompok intervensi	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
EDMU	Akuades	4.67400(*)	.29113	.000	4.0397	5.3083
	Levofloxacin	-1.89400(*)	.29113	.000	-2.6283	-1.3597
Akuades	EDMU	-4.67400(*)	.29113	.000	-5.3083	-4.0397
	Levofloxacin	-8.66800(*)	.29113	.000	-7.3023	-6.0337
Levofloxacin	EDMU	1.99400(*)	.29113	.000	1.3597	2.6283
	Akuades	6.66800(*)	.29113	.000	6.0337	7.3023

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