

LAMPIRAN

Lampiran 1. Identifikasi Tumbuhan



LEMBAGA ILMU PENGETAHUAN INDONESIA
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Nomor : 865/IPH.1.01/If.07/IV/2018
Lampiran : -
Perihal : Hasil identifikasi/determinasi Tumbuhan

Cibinong, 6 April 2018

Kepada Yth.
Bpk./Ibu/Sdr(i). **Chindy Tjandra**
Mhs. Univ. Tarumanagara
Jl. Letjend S. Parman No.1
Jakarta - 11440

Dengan hormat,

Bersama ini kami sampaikan hasil identifikasi/determinasi tumbuhan yang Saudara kirimkan ke "Herbarium Bogoriense", Bidang Botani Pusat Penelitian Biologi-LIPI Bogor, adalah sebagai berikut :

No.	No. Kol.	Jenis	Suku
1	Strawberry	<i>Fragaria vesca</i> L.	Rosaceae
2	Raspberry	<i>Rubus idaeus</i> L.	Rosaceae
3	Blackberry	<i>Rubus</i> sp.	Rosaceae

Demikian, semoga berguna bagi Saudara.

Kepala Bidang Botani
Pusat Penelitian Biologi-LIPI,

Dr. Joeni Setijo Rahajoe
NIP. 196706241993032004

Lampiran 2. Persetujuan Etik Penelitian



**KOMISI ETIK RISET
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PERSETUJUAN ETIK
Ethical Clearance
Nomor: 143/KER/FK/I/2019

Komisi Etik Riset Fakultas Kedokteran Universitas Trisakti setelah mempelajari dengan seksama dan mendengarkan penjelasan dari peneliti utama tentang kemungkinan adanya dampak etis terhadap subyek riset, masyarakat dan lingkungan, menetapkan penelitian dengan judul:

**"PENGARUH PEMBERIAN EKSTRAK DAUN STROBERI
(FRAGARIA VESCA) TERHADAP KADAR MALONDIALDEHID
(MDA) PADA ORGAN PARU DAN DARAH TIKUS SPRAGUE
DAWLEY SETELAH DIINDUKSI HIPOKSIA"**

Peneliti Utama : Olivia Margaretha

Lembaga/Tempat penelitian : FK Universitas Tarumanagara

Dinyatakan memenuhi persyaratan etik untuk dilaksanakan.

Jakarta, 17 Januari 2019

Ketua

Prof. DR. dr. Adi Hidayat, MS

Sekretaris


dr. Alvina SpPK

Lampiran 3. Proses Pembuatan Ekstrak



Gambar 1. Proses Pengeringan



Gambar 2. Proses Maserasi



Gambar 4. Proses Evaporasi

Lampiran 4. Uji Fitokimia Ekstrak Daun Stroberi



Gambar 5. Proses Pengujian Secara kualitatif

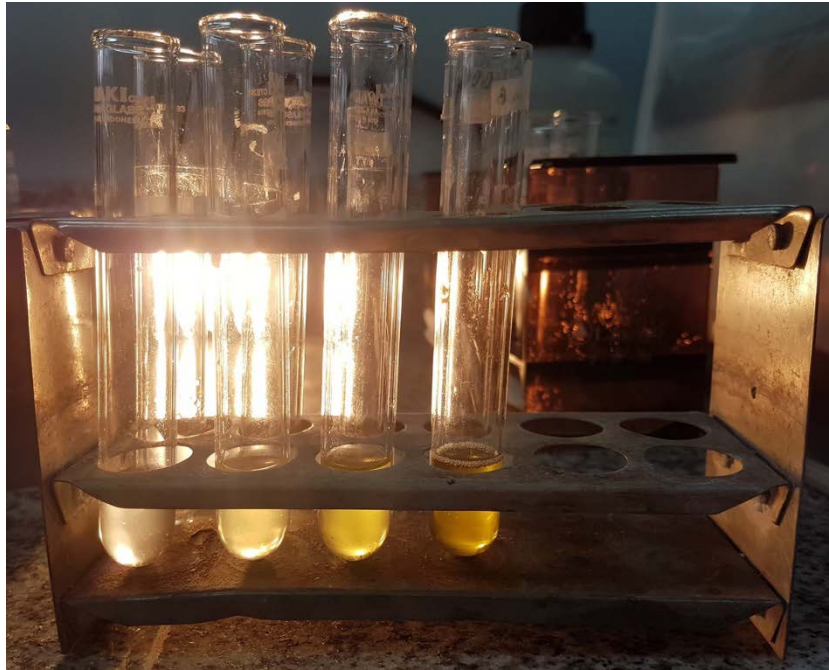
Lampiran 5. Uji DPPH, Uji *Total Phenolic Content* dan BSLT



Gambar 6. Uji DPPH



Gambar 7. Uji *Total Phenolic Content*



Gambar 8. BSLT

Lampiran 6. Tabel Regresi Linear DPPH & Tabel IC₅₀ Vitamin C

Tabel Regresi Linear Standar DPPH

Linear Regression	Nilai
Best-fit values ± SE	
Slope	6,381 ± 0,1261
Y-intercept	19,49 ± 0,8364
X-intercept	-3,055
1/slope	0,1567
95% Confidence Intervals	
Slope	5,98 to 6,783
Y-intercept	16,83 to 22,16
X-intercept	-3,69 to -2,492
Goodness of Fit	
R square	0,9988
Sy.x	0,7974
Is slope significantly non-zero?	
F	2562
DFn, DFd	1, 3
P	<0,0001
Deviation from zero?	Significant
Equation	$Y = 6,381 \cdot X + 19,49$
Data	
Number of X values	5
Maximum number of Y replicates	1
Total number of values	5
Number of missing values	0

Tabel Konsentrasi Ekstrak Daun Stroberi, Nilai Absorban (Absorbansi), dan % Inhibisi Larutan Pembanding

Konsentrasi (µg/mL)	Absorbansi	Presentase Inhibisi (%)	IC ₅₀ (µg/mL)
2	0,346	32,685	4,78
4	0,288	43,969	
6	0,213	58,560	
8	0,152	70,428	
10	0,086	83,268	

Lampiran 7. Tabel Regresi Linier Larutan Pembanding DPPH dan Tabel IC₅₀
Ekstrak Daun Stroberi

Tabel Regresi Linear Standar DPPH (Ekstrak Daun Stroberi)

Linear Regression	Nilai
Best-fit values $\pm$ SE	
Slope	0,1965 $\pm$ 0,01663
Y-intercept	24,81 $\pm$ 0,9552
X-intercept	-126,2
1/slope	5,089
95% Confidence Intervals	
Slope	0,1436 to 0,2494
Y-intercept	21,77 to 27,85
X-intercept	-191,8 to -88,24
Goodness of Fit	
R square	0,979
Sy.x	1,052
Is slope significantly non-zero?	
F	139,6
DFn, DFd	1, 3
P	0,0013
Deviation from zero?	Significant
Equation	$Y = 0,1965 * X + 24,81$
Data	
Number of X values	5
Maximum number of Y replicates	1
Total number of values	5
Number of missing values	0

Tabel Konsentrasi Ekstrak Daun Stroberi, Nilai Absorban (Absorbansi), dan %
Inhibisi Larutan Pembanding

Konsentrasi ($\mu\text{g/mL}$)	Absorbansi	Presentase Inhibisi (%)	IC ₅₀ ($\mu\text{g/mL}$)
10	0,38	26,070	128,193
30	0,35	31,907	
50	0,34	33,852	
70	0,312	39,300	
90	0,298	42,023	

Lampiran 8. Tabel Regresi Linear Standar Tannin

Tabel regresi linear standar tannin

Linear Regression	Nilai
Best-fit values $\pm$ SE	
Slope	0,00073 $\pm$ 7,332e-005
Y-intercept	0,1188 $\pm$ 0,0381
X-intercept	-162,7
1/slope	1370
95% Confidence Intervals	
Slope	0,0004967 to 0,0009633
Y-intercept	-0,002447 to 0,24
X-intercept	-478,9 to 2,564
Goodness of Fit	
R square	0,9706
Sy.x	0,02319
Is slope significantly non-zero?	
F	99,13
DFn, DFd	1, 3
P	0,0022
Deviation from zero?	Significant
Equation	$Y = 0,00073 \cdot X + 0,1188$
Data	
Number of X values	5
Maximum number of Y replicates	1
Total number of values	5
Number of missing values	0

Lampiran 9. Tabel Regresi Linear Standar *Berberine Chloride*

Tabel regresi linear standar *Berberine Chloride*

Linear Regression	Nilai
Best-fit values $\pm$ SE	
Slope	0,001715 $\pm$ 0,0002174
Y-intercept	0,0481 $\pm$ 0,01442
X-intercept	-28,05
1/slope	583,1
95% Confidence Intervals	
Slope	0,001023 to 0,002407
Y-intercept	0,002209 to 0,09399
X-intercept	-89,38 to -0,9434
Goodness of Fit	
R square	0,954
Sy.x	0,01375
Is slope significantly non-zero?	
F	62,24
DFn, DFd	1, 3
P	0,0042
Deviation from zero?	Significant
Equation	$Y = 0,001715 \cdot X + 0,0481$
Data	
Number of X values	5
Maximum number of Y replicates	1
Total number of values	5
Number of missing values	0

Lampiran 10. Tabel BSLT dan Regresi Linear BSLT

Tabel BSLT

Log Konsentrasi	Jumlah Larva Hidup	Jumlah Larva Mati	Akumulasi Hidup	Akumulasi Mati	Akumulasi Mati/Total	Angka Mortalitas
1	11	9	17	9	9/26	34,62 %
2	5	15	6	24	24/30	80 %
2.70	1	19	1	43	43/44	97,72 %
3	0	20	0	63	63/63	100 %

Tabel Regresi Linear BSLT

Linear Regression	Nilai
Best-fit values $\pm$ SE	
Slope	30,49 $\pm$ 5,269
Y-intercept	14,11 $\pm$ 12,16
X-intercept	-0,4626
1/slope	0,03279
95% Confidence Intervals	
Slope	7,823 to 53,17
Y-intercept	-38,19 to 66,41
X-intercept	-8,189 to 0,7447
Goodness of Fit	
R square	0,9436
Sy.x	8,106
Is slope significantly non-zero?	
F	33,49
DFn, DFd	1, 2
P	0,0286
Deviation from zero?	Significant
Equation	$Y = 30,49 \cdot X + 14,11$
Data	
Number of X values	4
Maximum number of Y replicates	1
Total number of values	4
Number of missing values	0

Lampiran 11. Tabel Regresi Linear Standar MDA

Tabel regresi linear standar MDA

Linear Regression	Nilai
Best-fit values $\pm$ SE	
Slope	0,1191 $\pm$ 0,001715
Y-intercept	0,005342 $\pm$ 0,002021
X-intercept	-0,04487
1/slope	8,398
95% Confidence Intervals	
Slope	0,1143 to 0,1238
Y-intercept	-0,0002676 to 0,01095
X-intercept	-0,09469 to 0,002187
Goodness of Fit	
R square	0,9992
Sy.x	0,003554
Is slope significantly non-zero?	
F	4822
DFn, DFd	1, 4
P	<0,0001
Deviation from zero?	Significant
Equation	$Y = 0,1191 \cdot X + 0,005342$
Data	
Number of X values	6
Maximum number of Y replicates	1
Total number of values	6
Number of missing values	0

Lampiran 12. Tabel Hasil Absorbansi dan Kadar MDA Darah

Tabel Absorbansi Darah Normoksia Tikus Tidak Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,089	0,085	0,087	0,686
Tikus 2	0,069	0,073	0,071	0,551
Tikus 3	0,068	0,070	0,069	0,534
Tikus 4	0,085	0,080	0,083	0,648
Rata - Rata			0,077	0,605

Tabel Absorbansi Darah Normoksia Tikus Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,037	0,013	0,025	0,165
Tikus 2	0,040	0,023	0,032	0,220
Tikus 3	0,048	0,039	0,044	0,320
Tikus 4	0,043	0,040	0,042	0,304
Rata - Rata			0,042	0,304

Tabel Absorbansi Darah Hipoksia 1 Hari Tikus Tidak Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,106	0,104	0,105	0,837
Tikus 2	0,112	0,109	0,111	0,883
Tikus 3	0,107	0,105	0,106	0,845
Tikus 4	0,113	0,114	0,114	0,908
Rata - Rata			0,109	0,868

Tabel Absorbansi Darah Hipoksia 1 Hari Tikus Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,051	0,055	0,053	0,400
Tikus 2	0,062	0,054	0,058	0,442
Tikus 3	0,069	0,063	0,066	0,510
Tikus 4	0,063	0,065	0,064	0,494
Rata - Rata			0,060	0,462

Tabel Absorbansi Darah Hipoksia 7 Hari Tikus Tidak Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,135	0,139	0,137	1,105
Tikus 2	0,151	0,147	0,149	1,206
Tikus 3	0,129	0,134	0,132	1,059
Tikus 4	0,144	0,143	0,144	1,160
Rata - Rata			0,140	1,133

Tabel Absorbansi Darah Hipoksia 7 Hari Tikus Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,094	0,107	0,100	0,799
Tikus 2	0,105	0,109	0,107	0,853
Tikus 3	0,108	0,112	0,110	0,879
Tikus 4	0,093	0,103	0,098	0,779
Rata - Rata			0,104	0,827

Tabel Absorbansi Darah Hipoksia 14 Hari Tikus Tidak Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,176	0,178	0,177	1,441
Tikus 2	0,192	0,193	0,193	1,571
Tikus 3	0,189	0,185	0,187	1,525
Tikus 4	0,181	0,177	0,179	1,458
Rata - Rata			0,184	1,499

Tabel Absorbansi Darah Hipoksia 14 Hari Tikus Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,139	0,143	0,141	1,139
Tikus 2	0,142	0,139	0,141	1,135
Tikus 3	0,141	0,146	0,144	1,160
Tikus 4	0,145	0,149	0,147	1,189
Rata - Rata			0,141	1,139

Lampiran 13. Tabel Hasil Absorbansi dan Kadar MDA Jantung

Tabel Absorbansi Jantung Normoksia Tikus Tidak Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,159	0,155	0,157	1,273
Tikus 2	0,189	0,193	0,191	1,559
Tikus 3	0,194	0,199	0,197	1,605
Tikus 4	0,158	0,161	0,160	1,294
Rata - Rata			0,176	1,433

Tabel Absorbansi Jantung Normoksia Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,168	0,172	0,170	1,383
Tikus 2	0,176	0,178	0,177	1,441
Tikus 3	0,168	0,165	0,167	1,353
Tikus 4	0,189	0,187	0,188	1,534
Rata - Rata			0,175	1,428

Tabel Absorbansi Jantung Hipoksia 1 Hari Tidak Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,329	0,331	0,330	2,726
Tikus 2	0,358	0,355	0,357	2,948
Tikus 3	0,339	0,344	0,342	2,822
Tikus 4	0,341	0,345	0,343	2,835
Rata - Rata			0,343	2,833

Tabel Absorbansi Jantung Hipoksia 1 Hari Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,22	0,225	0,223	1,823
Tikus 2	0,253	0,256	0,255	2,092
Tikus 3	0,238	0,236	0,237	1,945
Tikus 4	0,244	0,241	0,243	1,991
Rata - Rata			0,239	1,963

Tabel Absorbansi Jantung Hipoksia 7 Hari Tikus Tidak Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,399	0,398	0,399	3,301
Tikus 2	0,376	0,383	0,380	3,142
Tikus 3	0,348	0,341	0,345	2,848
Tikus 4	0,545	0,551	0,548	4,556
Rata - Rata			0,418	3,462

Tabel Absorbansi Jantung Hipoksia 7 Hari Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,31	0,315	0,313	2,579
Tikus 2	0,325	0,329	0,327	2,701
Tikus 3	0,332	0,328	0,330	2,726
Tikus 4	0,346	0,342	0,344	2,843
Rata - Rata			0,328	2,712

Tabel Absorbansi Jantung Hipoksia 14 Hari Tidak Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,743	0,749	0,746	6,219
Tikus 2	0,706	0,714	0,710	5,917
Tikus 3	0,821	0,820	0,821	6,844
Tikus 4	0,723	0,729	0,726	6,051
Rata - Rata			0,751	6,258

Tabel Absorbansi Jantung Hipoksia 14 Hari Diberikan Ekstrak Daun Stroberi

	Duplo (Absorbansi)		Rata – Rata Absorbansi	Kadar MDA (nmol/mL)
	1	2		
Tikus 1	0,687	0,679	0,683	5,690
Tikus 2	0,65	0,651	0,651	5,417
Tikus 3	0,646	0,648	0,647	5,388
Tikus 4	0,689	0,695	0,692	5,765
Rata - Rata			0,668	5,565

Lampiran 14. Uji Statistik Kadar MDA Darah dan Jantung
Tabel MDA Darah Diberi Ekstrak dan Hipoksia 1 Hari

Table Analyzed	Darah MDA (+)
Column B	1 Hari
vs.	vs,
Column A	Normoksia
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,B	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column A	0,2620, n=4
Median of column B	0,4680, n=4
Difference: Actual	0,2060
Difference: Hodges-Lehmann	0,1980

Tabel MDA Darah Diberi Ekstrak dan Hipoksia 7 Hari

Table Analyzed	Darah MDA (+)
Column C	7 Hari
vs.	vs,
Column A	Normoksia
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,C	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column A	0,2620, n=4
Median of column C	0,8260, n=4
Difference: Actual	0,5640
Difference: Hodges-Lehmann	0,5670

Tabel MDA Darah Diberi Ekstrak dan Hipoksia 14 Hari

Table Analyzed	Darah MDA (+)
Column D	14 Hari
vs.	vs,
Column A	Normoksia
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,D	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column A	0,2620, n=4
Median of column D	1,150, n=4
Difference: Actual	0,8875
Difference: Hodges-Lehmann	0,9000

Tabel MDA Darah Tidak Diberi Ekstrak dan Hipoksia 1 Hari

Table Analyzed	Darah MDA (-)
Column B	1 Hari
vs.	vs,
Column A	Normoksia
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,B	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column A	0,5995, n=4
Median of column B	0,8640, n=4
Difference: Actual	0,2645
Difference: Hodges-Lehmann	0,2730

Tabel MDA Darah Tidak Diberi Ekstrak dan Hipoksia 7 Hari

Table Analyzed	Darah MDA (-)
Column C	7 Hari
vs.	vs,
Column A	Normoksia
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,C	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column A	0,5995, n=4
Median of column C	1,133, n=4
Difference: Actual	0,5330
Difference: Hodges-Lehmann	0,5225

Tabel MDA Darah Tidak Diberi Ekstrak dan Hipoksia 14 Hari

Table Analyzed	Darah MDA (-)
Column D	14 Hari
vs.	vs,
Column A	Normoksia
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,D	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column A	0,5995, n=4
Median of column D	1,492, n=4
Difference: Actual	0,8920
Difference: Hodges-Lehmann	0,8985

Tabel MDA Jantung Diberi Ekstrak dan Hipoksia 1 Hari

Table Analyzed	Jantung MDA (+)
Column B	1 Hari
vs.	vs,
Column A	Normoksia
Mann Whitney test	
P value	0,3429
Exact or approximate P value?	Exact
P value summary	ns
Significantly different ($P < 0.05$)?	No
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,B	14 , 22
Mann-Whitney U	4
Difference between medians	
Median of column A	0,8535, n=4
Median of column B	1,015, n=4
Difference: Actual	0,1615
Difference: Hodges-Lehmann	0,1595

Tabel MDA Jantung Diberi Ekstrak dan Hipoksia 7 Hari

Table Analyzed	Jantung MDA (+)
Column C	7 Hari
vs.	vs,
Column A	Normoksia
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,C	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column A	0,8535, n=4
Median of column C	1,341, n=4
Difference: Actual	0,4870
Difference: Hodges-Lehmann	0,4640

Tabel MDA Jantung Diberi Ekstrak dan Hipoksia 14 Hari

Table Analyzed	Jantung MDA (+)
Column D	14 Hari
vs.	vs,
Column A	Normoksia
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,D	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column A	0,8535, n=4
Median of column D	2,080, n=4
Difference: Actual	1,226
Difference: Hodges-Lehmann	1,214

Tabel MDA Jantung Tidak Diberi Ekstrak dan Hipoksia 1 Hari

Table Analyzed	Jantung MDA (-)
Column B	1 Hari
vs.	vs,
Column A	Normoksia
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,B	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column A	1,427, n=4
Median of column B	1,861, n=4
Difference: Actual	0,4345
Difference: Hodges-Lehmann	0,4515

Tabel MDA Jantung Tidak Diberi Ekstrak dan Hipoksia 7 Hari

Table Analyzed	Jantung MDA (-)
Column C	7 Hari
vs.	vs,
Column A	Normoksia
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,C	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column A	1,427, n=4
Median of column C	2,185, n=4
Difference: Actual	0,7580
Difference: Hodges-Lehmann	0,7830

Tabel MDA Jantung Tidak Diberi Ekstrak dan Hipoksia 14 Hari

Table Analyzed	Jantung MDA (-)
Column D	14 Hari
vs.	vs,
Column A	Normoksia
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,D	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column A	1,427, n=4
Median of column D	2,260, n=4
Difference: Actual	0,8335
Difference: Hodges-Lehmann	0,8230

Tabel MDA Darah Diberi Ekstrak dan Tidak Diberi Ekstrak Normoksia

Table Analyzed	Darah MDA +/- Mann-Whitney
Column E	Normoksia (-)
vs.	vs,
Column A	Normoksia (+)
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,E	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column A	0,2620, n=4
Median of column E	0,5995, n=4
Difference: Actual	0,3375
Difference: Hodges-Lehmann	0,3550

Tabel MDA Darah Diberi Ekstrak dan Tidak Diberi Ekstrak 1 hari

Table Analyzed	Darah MDA +/- Mann-Whitney
Column F	1 Hari (-)
vs.	vs,
Column B	1 Hari (+)
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column B,F	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column B	0,4680, n=4
Median of column F	0,8640, n=4
Difference: Actual	0,3960
Difference: Hodges-Lehmann	0,4005

Tabel MDA Darah Diberi Ekstrak dan Tidak Diberi Ekstrak 7 Hari

Table Analyzed	Darah MDA +/- Mann-Whitney
Column G	7 Hari (-)
vs.	vs,
Column C	7 Hari (+)
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column C,G	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column C	0,8260, n=4
Median of column G	1,133, n=4
Difference: Actual	0,3065
Difference: Hodges-Lehmann	0,3065

Tabel MDA Darah Diberi Ekstrak dan Tidak Diberi Ekstrak 14 Hari

Table Analyzed	Darah MDA +/- Mann-Whitney
Column H	14 Hari (-)
vs.	vs,
Column D	14 Hari (+)
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column D,H	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column D	1,150, n=4
Median of column H	1,492, n=4
Difference: Actual	0,3420
Difference: Hodges-Lehmann	0,3295

Tabel MDA Jantung Diberi Ekstrak dan Tidak Diberi Ekstrak Normoksia

Table Analyzed	Jantung MDA +/- Mann-Whitney
Column E	Normoksia (-)
vs.	vs,
Column A	Normoksia (+)
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column A,E	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column A	0,8535, n=4
Median of column E	1,427, n=4
Difference: Actual	0,5730
Difference: Hodges-Lehmann	0,4785

Tabel MDA Jantung Diberi Ekstrak dan Tidak Diberi Ekstrak 1 Hari

Table Analyzed	Jantung MDA +/- Mann-Whitney
Column F	1 Hari (-)
vs.	vs,
Column B	1 Hari (+)
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column B,F	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column B	1,015, n=4
Median of column F	1,861, n=4
Difference: Actual	0,8460
Difference: Hodges-Lehmann	0,8480

Tabel MDA Jantung Diberi Ekstrak dan Tidak Diberi Ekstrak 7 Hari

Table Analyzed	Jantung MDA +/- Mann-Whitney
Column G	7 Hari (-)
vs.	vs,
Column C	7 Hari (+)
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column C,G	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column C	1,341, n=4
Median of column G	2,185, n=4
Difference: Actual	0,8440
Difference: Hodges-Lehmann	0,8645

Tabel MDA Jantung Diberi Ekstrak dan Tidak Diberi Ekstrak 14 Hari

Table Analyzed	Jantung MDA +/- Mann-Whitney
Column H	14 Hari (-)
vs.	vs,
Column D	14 Hari (+)
Mann Whitney test	
P value	0,0286
Exact or approximate P value?	Exact
P value summary	*
Significantly different ($P < 0.05$)?	Yes
One- or two-tailed P value?	Two-tailed
Sum of ranks in column D,H	10 , 26
Mann-Whitney U	0
Difference between medians	
Median of column D	2,080, n=4
Median of column H	2,260, n=4
Difference: Actual	0,1805
Difference: Hodges-Lehmann	0,1930

Lampiran 15. Korelasi Jantung dan Darah

Korelasi Jantung dan Darah Diberi Ekstrak Daun Stroberi

Pearson r	
r	0,9517
95% confidence interval	-0,1095 to 0,9990
R squared	0,9058
P value	
P (two-tailed)	0,0483
P value summary	*
Significant? (alpha = 0.05)	Yes
Number of XY Pairs	4

Korelasi Jantung dan Darah Tidak Diberi Ekstrak Daun Stroberi

Pearson r	
r	0,9268
95% confidence interval	-0,3139 to 0,9985
R squared	0,8589
P value	
P (two-tailed)	0,0732
P value summary	ns
Significant? (alpha = 0.05)	No
Number of XY Pairs	4

Lampiran 16. Daftar Riwayat Hidup

DAFTAR RIWAYAT HIDUP

A. Data Pribadi

Nama Lengkap : Adella Putri Arifiyani
NIM : 405160210
Jenis Kelamin : Wanita
Tempat/tanggal lahir : Singkawang, 3 Mei 1998
Agama : Islam
Alamat : Jl. Satria No. 38 Singkawang, Kalimantan Barat
Kewarganegaran : Indonesia
Status : Belum Menikah
Nomor HP : 081347025120
E-mail : adellaparifiyani@yahoo.com

B. Latar Belakang Pendidikan

- 2016 – Sekarang : Fakultas Kedokteran Universitas Tarumanagara
- 2013 – 2016 : SMA Negeri 3 Singkawang Tengah, Singkawang
- 2010 – 2013 : SMP Negeri 3 Singkawang Tengah, Singkawang
- 2004 – 2010 : SDN 17 Singkawang Tengah, Singkawang
- 2003 – 2004 : TK Nurul Islam, Singkawang

C. Pengalaman Berorganisasi:

2017 – 2018 : VICE EB Divisi Fundraise AMSA FK UNTAR
2016 – 2017 : Anggota AMSA FK UNTAR
2013 – 2015 : Anggota English Debate Club
Anggota Coding Club