LAMPIRAN 1 - Kaji Etik

KOMISI ETIK RISET
FAKULTAS KEDOKTERAN
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PERSETUJUAN ETIK
Ethical Clearance
Nomor: 124/KER/FK/XII/2017

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 BUAH *AEGLE MARMELOS* TERHADAP STRES OKSIDATIF PADA PARU TIKUS *SPRAGUE DAWLEY* YANG DIINDUKSI HIPOKSIA"

Peneliti Utama : Natashia Olivia Christian

Lembaga/Tempat penelitian : FK Universitas Tarumanagara

Dinyatakan memenuhi persyaratan etik untuk dilaksanakan.

Jakarta, 18 Desember 2017

Ketua	Sekretaris
Prof.DR.dr.Adi Hidayat,MS	dr.Alvina.SpPK

LAMPIRAN 2 - Identifikasi Buah Maja

LEMBAGA ILMU PENGETAHUAN INDONESIA
(INDONESIAN INSTITUTE OF SCIENCES)
PUSAT PENELITIAN BIOLOGI
(RESEARCH CENTER FOR BIOLOGY)
Cibinong Science Center, Jl. Raya Jakarta - Bogor KM. 46 Cibinong 16911
Telp. (+62 21) 87907636 - 87907604, Fax. 87907612
Website : www.biologi.lipi.go.id

Cibinong, Agustus 2017

Nomor : 208/IPH.1.01/If.07/VIII/2017
Lampiran : -
Perihal : *Hasil identifikasi/ determinasi Tumbuhan*

Kepada Yth.
Bpk./Ibu/Sdr(i). **Erics Eksany**
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	Buah maja	*Aegle marmelos* (L.) Correa	Rutaceae

Demikian, semoga berguna bagi Saudara.

Kepala Bidang Botani
Pusat Penelitian Biologi-LIPI,

Dr. Joeni Setijo Rahajoe
NIP. 196706241993032004

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Page 1 of 1

LAMPIRAN 3 - Pohon dan Buah Maja

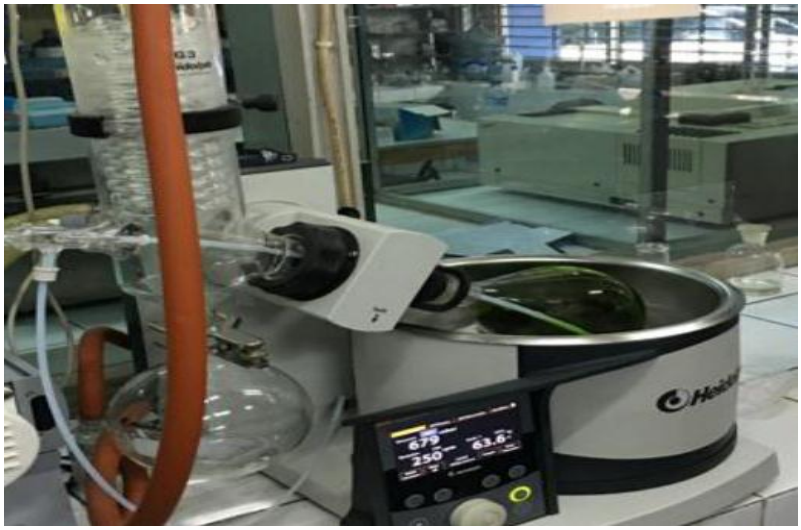
LAMPIRAN 4 - Pembuatan Ekstrak Buah Maja

Buah maja dipotong menjadi kecil dan tipis

Buah maja dijemur selama 5 hari sampai kering

Setelah kering, buah maja dihaluskan hingga menjadi bentuk bubuk (simplisia)

Dilakukan teknik maserasi untuk mengubah simplisia menjadi ekstrak



Hasil maserasi dievaporasi hingga berbentuk pasta

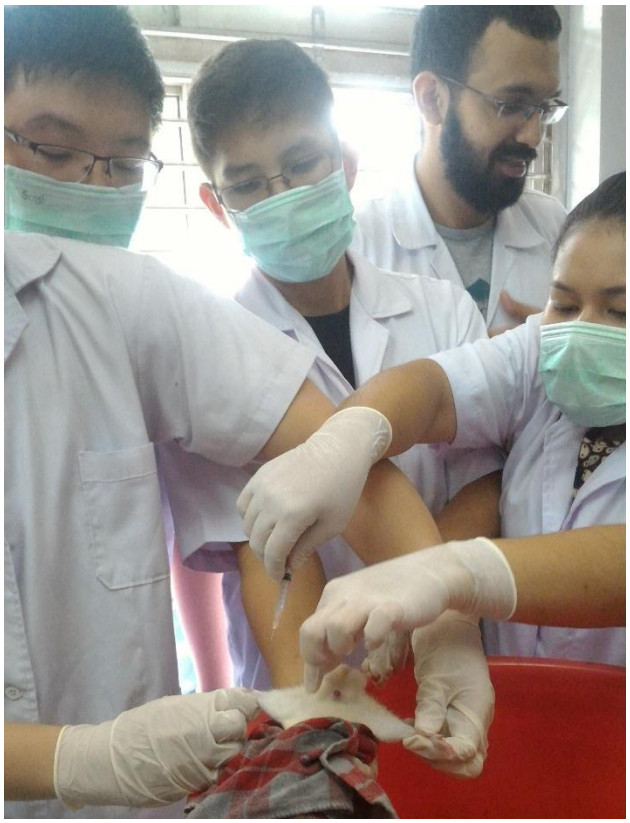
Lampiran 5 – Pemberian Ekstrak Buah Maja pada Tikus

Proses pemberian ekstrak buah maja pada tikus Sprague Dawley dengan dosis 400mg/kgBB/hari yang dibagi menjadi 2 kali pemberian, yaitu pagi dan sore

Lampiran 6 – Uji pada Hewan Coba

Chamber tempat perlakuan hipoksia pada tikus dengan durasi 3 hari, 7 hari, dan 14 hari

Obat anestesi yang digunakan pada tikus



Proses Pemberian Anestesi

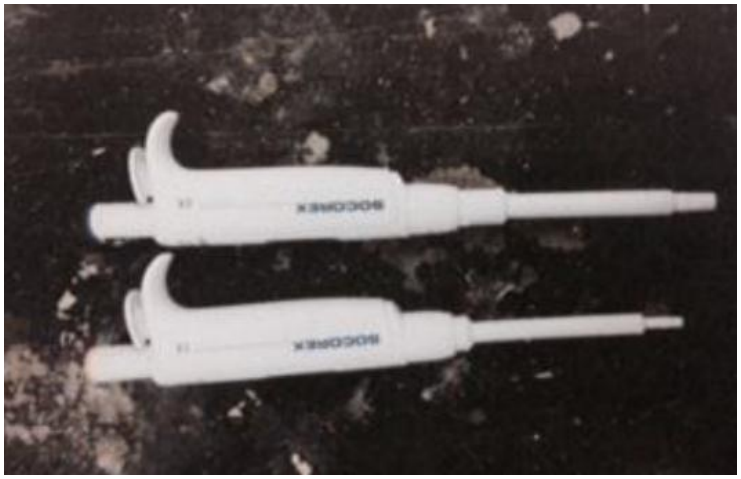
Organ yang diambil pada tindakan pembedahan

Lampiran 7 – Alat-Alat yang Digunakan

Uv-vis Spechtrophotometer Double Beam Hitachi Japan, model – 2000

Alat sentrifugasi berkecepatan tinggi, model 20PR-5 Hitachi, Jepang

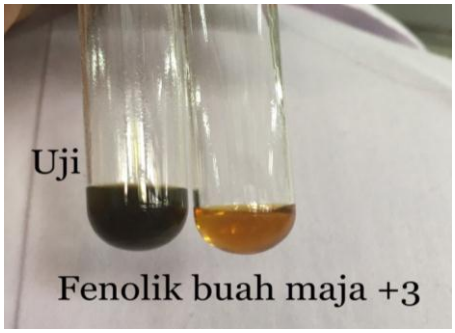
Tissue grinder (*Homogenizer)*



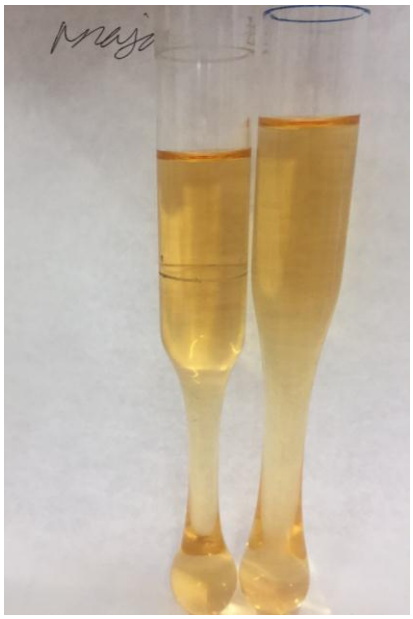
Mikropipet

Lampiran 8 – Hasil Uji Fitokimia Kualitatif Buah Maja

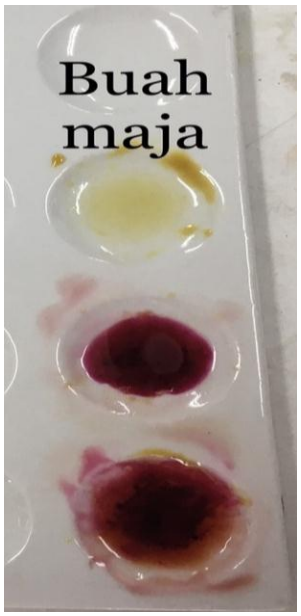
Hasil Uji Alkaloid Kualitatif



Hasil Uji Fenolik Kualitatif



Hasil Uji Flavonoid Kualitatif



Hasil Uji Steroid Kualitatif

Lampiran 9 – Uji BSLT

Proses pengerjaan uji BSLT

Lampiran 10 – Hasil Uji Fitokimia Kualitatif Buah Maja

Proses pemotongan organ hingga tipis menggunakan mikrotom putar

Pewarnaan sampel dengan *hematoxylin-eosin* (HE)

Lampiran 11 – Tabel Regresi Linear DPPH Larutan Vitamin C

Regresi Linear	Nilai
Best-fit values ± SE	
Slope	15.07 ± 0.5829
Y-intercept	-6.266 ± 2.473
X-intercept	0.4157
1/slope	0.06634
95% Confidence Intervals	
Slope	13.22 to 16.93
Y-intercept	-14.14 to 1.604
X-intercept	-0.1204 to 0.8416
Goodness of Fit	
R square	0.9955
Sy.x	1.843
Is slope significantly non-zero?	
F	668.7
DFn, DFd	1, 3
P value	0.0001
Deviation from zero?	Significant
Equation	Y = 15.07*X - 6.266
Data	
Number of X values	5
Maximum number of Y replicates	1
Total number of values	5
Number of missing values	0

Lampiran 12 – Tabel Regresi Linear DPPH Ekstrak Buah Maja

Regresi Linear	Nilai
Best-fit values ± SE	
Slope	0.09932 ± 0.01145
Y-intercept	23.35 ± 1.403
X-intercept	-235.1
1/slope	10.07
95% Confidence Intervals	
Slope	0.0629 to 0.1357
Y-intercept	18.89 to 27.82
X-intercept	-432.8 to -142.2
Goodness of Fit	
R square	0.9617
Sy.x	1.739
Is slope significantly non-zero?	
F	75.3
DFn, DFd	1, 3
P value	0.0032
Deviation from zero?	Significant
Equation	Y = 0.09932*X + 23.35
Data	
Number of X values	5
Maximum number of Y replicates	1
Total number of values	5

Number of missing values	0

Lampiran 13 – Tabel Regresi Linear Kadar Fenolik

Regresi Linear	Nilai
Best-fit values ± SE	
Slope	0.000728 ± 4.881e-005
Y-intercept	0.1254 ± 0.02536
X-intercept	-172.3
1/slope	1374
95% Confidence Intervals	
Slope	0.0005727 to 0.0008833
Y-intercept	0.04468 to 0.2061
X-intercept	-357.8 to -50.89
Goodness of Fit	
R square	0.9867
Sy.x	0.01544
Is slope significantly non-zero?	
F	222.4
DFn, DFd	1, 3
P value	0.0007
Deviation from zero?	Significant
Equation	Y = 0.000728*X + 0.1254
Data	
Number of X values	5
Maximum number of Y replicates	1
Total number of values	5
Number of missing values	0

Lampiran 14 – Tabel Regresi Linear Uji Flavonoid Ekstrak Buah Maja

Linear Regression	Nilai
Best-fit values ± SE	
Slope	0.01248 ± 0.0003456
Y-intercept	0.0056 ± 0.004233
X-intercept	-0.4487
1/slope	80.13
95% Confidence Intervals	
Slope	0.01138 to 0.01358
Y-intercept	-0.007872 to 0.01907
X-intercept	-1.65 to 0.5888
Goodness of Fit	
R square	0.9977
Sy.x	0.005465
Is slope significantly non-zero?	
F	1304
DFn, DFd	1, 3
P value	<0.0001
Deviation from zero?	Significant
Equation	Y = 0.01248*X + 0.0056
Data	
Number of X values	5
Maximum number of Y replicates	1
Total number of values	5
Number of missing values	0

Lampiran 15 – Regresi Linear Toksisitas BSLT

Best-fit values ± SE	BSLT
Slope	0.03666 ± 0.01073
Y-intercept when X=0.0	41.08 ± 6. 205
X-intercept when Y=0.0	-1120
1/slope	27. 27
95% Confidence Intervals	
Slope	-0.009527 to 0.08286
Y-intercept	15.15 to 67.00
X-intercept	-infinity to -207.4
Goodness of Fit	
R square	0.8536
Sy.x	8.398
Is slope significantly non-zero?	
F	11.67
DFn, DFd	1.000, 2.000
P value	0.0761
Deviation from zero?	Not Significant
Data	
Number of X values	4

Maximum number of Y replicates	1
Total number of values	4
Number of missing values	0
Equation	Y = 0.03666*X + 41.08

Lampiran 16 - Tabel Regresi Linear Standar MDA

Regresi Linear	Nilai
Slope	0.1191 ± 0.001715
Y-intercept	0.005342 ± 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 value	<0.0001
Deviation from zero?	Significant
Equation	Y = 0.1191*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 17 – Tabel Absorbansi dan Kadar MDA Darah Kontrol

	I	II	Rata-rata	Kadar MDA
Normoksia	0.046	0.042	0.044	0.325
	0.037	0.033	0.035	0.249
	0.039	0.045	0.042	0.308
	0.0334	0.036	0.0347	0.247
			0.0389	**0.282**
Hipoksia 3 Hari	0.064	0.07	0.067	0.518
	0.06	0.068	0.064	0.493
	0.075	0.067	0.071	0.552
	0.065	0.062	0.0635	0.489
			0.066	**0.513**
Hipoksia 7 Hari	0.076	0.078	0.077	0.602
	0.083	0.087	0.085	0.669
	0.085	0.081	0.083	0.652
	0.081	0.075	0.078	0.61
			0.0808	**0.633**
Hipoksia 14 Hari	0.11	0.108	0.109	0.871
	0.108	0.114	0.111	0.887

	0.125	0.117	0.121	0.971
	0.107	0.103	0.105	0.837
			0.1115	**0.891**

Lampiran 18 – Tabel Absorbansi dan Kadar MDA Darah Uji

	I	II	Rata-rata	Kadar MDA
Normoksia	0.029	0.021	0.025	0.165
	0.036	0.034	0.035	0.249
	0.04	0.036	0.038	0.274
	0.031	0.021	0.026	0.173
			0.031	**0.215**
Hipoksia 3 Hari	0.06	0.048	0.054	0.409
	0.056	0.048	0.052	0.392
	0.062	0.044	0.053	0.4
	0.063	0.049	0.056	0.425
			0.053	**0.4065**
Hipoksia 7 Hari	0.061	0.071	0.066	0.509
	0.07	0.06	0.065	0.501
	0.065	0.059	0.062	0.476
	0.072	0.064	0.068	0.526
			0.065	**0.503**
Hipoksia 14 Hari	0.11	0.07	0.09	0.711
	0.089	0.083	0.086	0.677
	0.092	0.084	0.088	0.694
	0.095	0.087	0.091	0.719
			0.088	**0.70025**

Lampiran 19 – Tabel Absorbansi dan Kadar MDA Paru Kontrol

	I	II	Rata-rata	Kadar MDA
Normoksia	0.044	0.038	0.041	0.300
	0.049	0.043	0.046	0.342
	0.046	0.044	0.045	0.333
	0.045	0.041	0.043	0.317
			0.044	**0.323**
Hipoksia 3 Hari	0.074	0.068	0.071	0.552
	0.065	0.071	0.068	0.526
	0.068	0.066	0.067	0.518
	0.071	0.075	0.073	0.568
			0.070	**0.541**
Hipoksia 7 Hari	0.098	0.092	0.095	0.753
	0.087	0.095	0.091	0.720
	0.085	0.087	0.086	0.678
	0.09	0.096	0.093	0.736
			0.091	**0.722**
Hipoksia 14 Hari	0.109	0.113	0.111	0.887
	0.117	0.107	0.112	0.896

	0.115	0.115	0.115	0.921
	0.116	0.112	0.114	0.913
			0.1130	**0.904**

Lampiran 20 – Tabel Absorbansi dan Kadar MDA Paru Uji

	I	II	Rata-rata	Kadar MDA
Normoksia	0.033	0.037	0.035	0.249
	0.035	0.039	0.037	0.266
	0.032	0.034	0.033	0.232
	0.026	0.028	0.027	0.182
			0.033	**0.232**
Hipoksia 3 Hari	0.051	0.057	0.054	0.409
	0.057	0.059	0.058	0.442
	0.052	0.058	0.055	0.417
	0.058	0.056	0.057	0.434
			0.056	**0.425**
Hipoksia 7 Hari	0.075	0.081	0.078	0.61
	0.079	0.083	0.081	0.635
	0.078	0.08	0.079	0.619
	0.073	0.075	0.074	0.577
			0.078	**0.61**
Hipoksia 14 Hari	0.092	0.096	0.094	0.745
	0.091	0.093	0.092	0.728
	0.087	0.089	0.088	0.694
	0.099	0.097	0.098	0.778
			0.093	**0.736**

Lampiran 21 – Perbandingan Kadar MDA Darah Kontrol Normoksia-3hari

Table Analyzed	Darah Kontrol
Column B	P2
vs.	vs,
Column A	P1

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	0,2785, n=4
Median of column B	0,5055, n=4
Difference: Actual	0,227
Difference: Hodges-Lehmann	0,241

Lampiran 22 – Perbandingan Kadar MDA Darah Kontrol Normoksia-7hari

Table Analyzed	Darah Kontrol
Column C	P3
vs.	vs,
Column A	P1

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	0,2785, n=4
Median of column C	0,631, n=4
Difference: Actual	0,3525
Difference: Hodges-Lehmann	0,354

Lampiran 23 – Perbandingan Kadar MDA Darah Kontrol Normoksia-14hari

Table Analyzed	Darah Kontrol

Column D	P4
vs.	vs,
Column A	P1

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	0,2785, n=4
Median of column D	0,879, n=4
Difference: Actual	0,6005
Difference: Hodges-Lehmann	0,606

Lampiran 24 – Perbandingan Kadar MDA Darah Uji Normoksia-3hari

Table Analyzed	Darah Uji
Column B	P2
vs.	vs,
Column A	P1
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	0,2115, n=4
Median of column B	0,4045, n=4
Difference: Actual	0,193
Difference: Hodges-Lehmann	0,197

Lampiran 25 – Perbandingan Kadar MDA Darah Uji Normoksia-7hari

Table Analyzed	Darah Uji
Column C	P3
vs.	vs,
Column A	P1
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	0,2115, n=4
Median of column C	0,505, n=4
Difference: Actual	0,2935
Difference: Hodges-Lehmann	0,2895

Lampiran 26 – Perbandingan Kadar MDA Darah Uji Normoksia-14hari

Table Analyzed	Darah Uji
Column D	P4
vs.	vs,
Column A	P1
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	0,2115, n=4
Median of column D	0,7025, n=4
Difference: Actual	0,491
Difference: Hodges-Lehmann	0,4865

Lampiran 27 – Perbandingan Kadar MDA Paru Kontrol Normoksia-3hari

Table Analyzed	Paru Kontrol
Column B	P2
vs.	vs,
Column A	P1
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	0,325, n=4
Median of column B	0,539, n=4
Difference: Actual	0,214

Difference: Hodges-Lehmann	0,2185

Lampiran 28 – Perbandingan Kadar MDA Paru Kontrol Normoksia-7hari

Table Analyzed	Paru Kontrol
Column C	P3
vs.	vs,
Column A	P1
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	0,325, n=4
Median of column C	0,728, n=4
Difference: Actual	0,403
Difference: Hodges-Lehmann	0,403

Lampiran 29 – Perbandingan Kadar MDA Paru Kontrol Normoksia-14hari

Table Analyzed	Paru Kontrol
Column D	P4
vs.	vs,
Column A	P1
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	0,325, n=4
Median of column D	0,9045, n=4
Difference: Actual	0,5795
Difference: Hodges-Lehmann	0,5795

Lampiran 30 – Perbandingan Kadar MDA Paru Uji Normoksia-3hari

Table Analyzed	Paru Uji
Column B	P2
vs.	vs,
Column A	P1

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	0,2405, n=4
Median of column B	0,4255, n=4
Difference: Actual	0,185
Difference: Hodges-Lehmann	0,185

Lampiran 31 – Perbandingan Kadar MDA Paru Uji Normoksia-7hari

Table Analyzed	Cekok Maja Paru
Column C	P3

vs.	vs,
Column A	P1
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	0,2405, n=4
Median of column C	0,6145, n=4
Difference: Actual	0,374
Difference: Hodges-Lehmann	0,374

Lampiran 32 – Perbandingan Kadar MDA Paru Uji Normoksia-14hari

Table Analyzed	Cekok Maja Paru
Column D	P4
vs.	vs,
Column A	P1
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	0,2405, n=4
Median of column D	0,7365, n=4
Difference: Actual	0,496
Difference: Hodges-Lehmann	0,504

Lampiran 33 – Perbandingan Kadar MDA Darah Uji dan Kontrol Normoksia

Table Analyzed	Darah Uji dan Kontrol
Column E	Normoksia Tidak Cekok
vs.	vs,
Column A	Normoksia Cekok
Mann Whitney test	
P value	0,2286
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,E	13,5 , 22,5
Mann-Whitney U	3,5
Difference between medians	
Median of column A	0,2115, n=4
Median of column E	0,2785, n=4
Difference: Actual	0,067
Difference: Hodges-Lehmann	0,074

Lampiran 34 – Perbandingan Kadar MDA Darah Uji dan Kontrol Hipoksia 3 hari

Table Analyzed	Darah Uji dan Kontrol
Column F	Hipoksia 3 hari Tidak Cekok
vs.	vs,
Column B	hipoksia 3 hari Cekok
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	0,4045, n=4
Median of column F	0,5055, n=4
Difference: Actual	0,101
Difference: Hodges-Lehmann	0,099

Lampiran 35 – Perbandingan Kadar MDA Darah Uji dan Kontrol Hipoksia 7 hari

Table Analyzed	Darah Uji dan Kontrol
Column G	Hipoksia 7 hari Tidak Cekok
vs.	vs,
Column C	Hipoksia 7 hari Cekok
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	0,505, n=4
Median of column G	0,631, n=4
Difference: Actual	0,126
Difference: Hodges-Lehmann	0,13

Lampiran 36 – Perbandingan Kadar MDA Darah Uji dan Kontrol Hipoksia 14 hari

Table Analyzed	Darah Uji dan Kontrol
Column H	Hipoksia 14 hari Tidak Cekok
vs.	vs,
Column D	Hipoksia 14 hari Cekok
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	0,7025, n=4
Median of column H	0,879, n=4
Difference: Actual	0,1765
Difference: Hodges-Lehmann	0,1765

Lampiran 37 – Perbandingan Kadar MDA Paru Uji dan Kontrol Normoksia

Table Analyzed	Paru Uji dan Kontrol
Column E	Normoksia Tidak Cekok
vs.	vs,
Column A	Normoksia Cekok
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	0,2405, n=4
Median of column E	0,325, n=4
Difference: Actual	0,0845

Difference: Hodges-Lehmann	0,0845

Lampiran 38 – Perbandingan Kadar MDA Paru Uji dan Kontrol Hipoksia 3 Hari

Table Analyzed	Paru Uji dan Kontrol
Column F	Hipoksia 3 hari Tidak Cekok
vs.	vs,
Column B	hipoksia 3 hari Cekok
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	0,4255, n=4

Median of column F	0,539, n=4
Difference: Actual	0,1135
Difference: Hodges-Lehmann	0,1135

Lampiran 39 – Perbandingan Kadar MDA Paru Uji dan Kontrol Hipoksia 7 Hari

Table Analyzed	Paru Uji dan Kontrol
Column G	Hipoksia 7 hari Tidak Cekok
vs.	vs,
Column C	Hipoksia 7 hari Cekok
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	0,6145, n=4
Median of column G	0,728, n=4
Difference: Actual	0,1135
Difference: Hodges-Lehmann	0,1135

Lampiran 40 – Perbandingan Kadar MDA Paru Uji dan Kontrol Hipoksia 14 Hari

Table Analyzed	Paru Uji dan Kontrol
Column H	Hipoksia 14 hari Tidak Cekok
vs.	vs,
Column D	Hipoksia 14 hari Cekok
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	0,7365, n=4
Median of column H	0,9045, n=4
Difference: Actual	0,168
Difference: Hodges-Lehmann	0,168

Lampiran 41 – Korelasi Kadar MDA Darah dan Paru Kontrol

Pearson r	
R	0,9915
95% Confidence Intervals	0,6456 to 0,9998
R square	0,9831
P value	
P (two-tailed)	0,0085
P value summary	*
Significant? (alpha = 0.05)	Yes

Number of XY Pairs	4

Lampiran 41 – Korelasi Kadar MDA Darah dan Paru Uji

Pearson r	
R	0,9846
95% Confidence Intervals	0,4362 to 0,9997
R square	0,9694
P value	
P (two-tailed)	0,0154
P value summary	*
Significant? (alpha = 0.05)	Yes
Number of XY Pairs	4

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