

LAMPIRAN

Lampiran 1 Tabel Konversi Dosis (Paget and Barnes, 1964)

	Mencit 20 g	Tikus 200 g	Marmut 400 g	kelinci 1.5 kg	Kucing 2 kg	Kera 4 kg	Anjing 12 kg	Manusia 70 kg
Mencit								
20 g	,0	,0	2,29	7,8	8,7	4,1	24,2	87,9
Tikus								
200 g	,14	,0	,74	,9	,2	,2	7,8	0,5
Marmut								
400 g	,08	,57	,0	,25	,4	,2	0,2	1,5
Kelinci								
1.5 kg	,04	,25	,44	,0	,06	,4	,5	4,2
Kucing								
2 kg	,03	,23	,41	,92	,0	,2	,1	3,0
Kera								
4 kg	,016	,11	,19	,42	,45	,0	,9	,1
Anjing								
2 kg	,008	,06	,10	,22	,24	,52	,0	,1
Manusia								
70 kg	,0026	,018	,031	,07	,76	,16	,32	,0

Lampiran 2 Hasil Statistik

		Descriptives			
Kelompok		Statistic		S	Std. Error
Neutrofil	+	Mean		1	1
		95% Confidence Interval for Mean		3,1429	,48690
			Lower Bound	,5045	
			Upper Bound	6,7812	
		5% Trimmed Mean		1	
				3,1032	
		Median		1	
				4,0000	
		Variance		1	
				5,476	

Std. Deviation		3,93398	
Minimum		9,00	
Maximum		18,00	
Range		9,00	
Interquartile Range		9,00	
Skewness		,219	,794
Kurtosis		-1,891	,587
Mean		13,0000	13,04654
95% Confidence Interval for Mean	Lower Bound	10,4392	
	Upper Bound	15,5608	
5% Trimmed Mean		13,0000	
Median		13,0000	
Variance		15,667	
Std. Deviation		3,96887	
Minimum		9,00	
Maximum		17,00	
Range		8,00	
Interquartile Range		5,00	
Skewness		-,198	,794
Kurtosis		-,557	,587
Mean		13,0000	13,44749
95% Confidence Interval for Mean	Lower Bound	12,4581	

1

	Upper Bound	1,5419	1
5% Trimmed Mean		,8333	7
Median		,0000	7
Variance		4,667	1
Std. Deviation		,82971	3
Minimum		,00	4
Maximum		5,00	1
Range		5,00	1
Interquartile Range		,6000	6
Skewness		,922794	,794
Kurtosis		,961587	,1587
Mean		,78571	,71031
95% Confidence Interval for Mean	Lower Bound	,6722	3
	Upper Bound	2,0421	1
5% Trimmed Mean		,6190	7
Median		,0000	6
Variance		0,476	2
Std. Deviation		,52506	4
Minimum		,00	3
Maximum		7,00	1
Range		7,00	1
Interquartile Range		,4000	4

	Skewness	1,611	,794
	Kurtosis	3,061	1,587
3	Mean	10,8571	1,66803
	95% Confidence Interval for Mean	6,7756	
	Lower Bound	4,9387	
	Upper Bound	10,6746	
	5% Trimmed Mean	10,0000	
	Median	10,0000	
	Variance	19,476	
	Std. Deviation	4,41318	
	Minimum	7,00	
	Maximum	18,00	
	Range	11,00	
	Interquartile Range	9,00	
	Skewness	1,980	,794
	Kurtosis	3,709	1,587
imfosit	Mean	7,4286	1,99830
L +	95% Confidence Interval for Mean	7,25389	
	Lower Bound	6,23182	
	Upper Bound	8,24762	
	5% Trimmed Mean	7,0000	
	Median	7,0000	
	Variance	27,952	
	Std. Deviation	5,28700	

	Minimum	7	
		0,00	
	Maximum	8	
		4,00	
	Range	1	
		4,00	
	Interquartile Range	1	
		0,00	
	Skewness	,128	,794
	Kurtosis	-	,1
		1,185	,587
	Mean	8	1
		9,5714	,46152
	95% Confidence Interval for Mean	8	
		5,9952	
			9
			3,1477
	5% Trimmed Mean	8	
		9,4683	
	Median	8	
		9,0000	
	Variance	1	
		4,952	
	Std. Deviation	3	
		,86683	
	Minimum	8	
		5,00	
	Maximum	9	
		6,00	
	Range	1	
		1,00	
	Interquartile Range	7	
		,00	
	Skewness	,649	,794
	Kurtosis	-	,1
		,283	,587
1	Mean	9	1
		0,5714	,54083
	95% Confidence Interval for Mean	8	
		6,8012	
			9
			4,3417

5% Trimmed Mean	9	0,6349
Median	9	1,0000
Variance	1	6,619
Std. Deviation	4	,07665
Minimum	8	4,00
Maximum	9	6,00
Range	1	2,00
Interquartile Range	7	,00
Skewness	-	,435 794
Kurtosis	-	,266 587
Mean	8	3,5714 32480
95% Confidence Interval for Mean	8	0,3298
Lower Bound	8	6,8131
Upper Bound	8	3,6349
5% Trimmed Mean	8	4,0000
Median	8	2,286
Variance	1	,50510
Std. Deviation	3	7,00
Minimum	7	8,00
Maximum	8	8,00
Range	1	0,00
Interquartile Range	6	,00
Skewness	-	,345 794

	Kurtosis	-	1
		,638	,587
3	Mean	8	2
		4,2857	,14603
	95% Confidence Interval for Mean	Lower Bound	Upper Bound
		7	8
		9,0346	9,5369
	5% Trimmed Mean	8	
		4,2619	
	Median	8	
		4,0000	
	Variance	3	
		2,238	
	Std. Deviation	5	
		,67786	
	Minimum	7	
		7,00	
	Maximum	9	
		2,00	
	Range	1	
		5,00	
	Interquartile Range	1	
		1,00	
	Skewness	-	,794
		,041	
	Kurtosis	-	1
		1,524	,587

Tests of Normality

	N	kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
			Statistic	df	Sig.	Statistic	df	Sig.
eutrofil	+	K	,216	7	,200	,853	7	,131
		K	,214	7	,200	,959	7	,808
	-	P	,174	7	,200	,911	7	,404
		P	,289	7	,078	,826	7	,074

		P	,	7	,	833	,	7	,
	3		291		074				085
imfosit	L	K	,	7	,		,	7	,
	+		179		200*			926	514
	-	K	,	7	,		,	7	,
			170		200*			955	777
	1	P	,	7	,		,	7	,
			159		200*			979	955
	2	P	,	7	,		,	7	,
			122		200*			974	925
	3	P	,	7	,		,	7	,
			172		200*			946	693

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

a. Lilliefors Significance Correction

One-Sample Kolmogorov-Smirnov Test

		N		L	
		eutrofil		imfosit	
N			7		7
Normal Parameters ^{a,b}	Mean	1		7	
	n	3,1429		7,4286	
	Std. Deviation	,93398		,28700	
Most Extreme Differences	Positive	,216		,179	
	Negative	,177		,179	
	Absolute	,216		,179	
	Test Statistic	,216		,179	
Asymp. Sig. (2-tailed)		200 ^{c,d}		200 ^{c,d}	

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

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

One-Sample Kolmogorov-Smirnov Test

			N	L
			eutrofil	imfosit
N			7	7
Normal Parameters ^{a,b}	n	Mean	1,30000	8,95714
		Std. Deviation	,276887	,386683
	Most Differences	Extreme	bsolute	,214
Positive			,146	,170
Negative			-,214	-,119
Test Statistic			,214	,170
Asymp. Sig. (2-tailed)			200 ^{c,d}	200 ^{c,d}

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

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

One-Sample Kolmogorov-Smirnov Test

			N	L
			eutrofil	imfosit
N			7	7
Normal Parameters ^{a,b}	n	Mean	8,00000	9,05714
		Std. Deviation	,382971	,407665
	Most Differences	Extreme	bsolute	,174
Positive			,174	,095
Negative			-,148	-,159
Test Statistic			,174	,159
Asymp. Sig. (2-tailed)			200 ^{c,d}	200 ^{c,d}

a. Test distribution is Normal.

- b. Calculated from data.
- c. Lilliefors Significance Correction.
- d. This is a lower bound of the true significance.

One-Sample Kolmogorov-Smirnov Test

		N		L		
		eutrofil	imfosit			
N		7	7			
Normal Parameters ^{a,b}	Mean	7	8			
	Std. Deviation	,8571	3,5714			
		4	3			
Most Differences	Extreme	Abso				
		lute	289	122		
	Extreme	Positi	289	103		
		ve				
Test Statistic	Nega	tive	,198	,122		
			289	122		
Asymp. Sig. (2-tailed)		078 ^c	200 ^{c,d}			

- a. Test distribution is Normal.
- b. Calculated from data.
- c. Lilliefors Significance Correction.
- d. This is a lower bound of the true significance.

One-Sample Kolmogorov-Smirnov Test

		N		L		
		eutrofil	imfosit			
N		7	7			
Normal Parameters ^{a,b}	Mean	1	8			
	Std. Deviation	0,8571	4,2857			
		4	5			
Most Differences	Extreme	Abso				
		lute	291	172		
	Extreme	Positi	291	152		
		ve				

	Negative	,191	,172
Test Statistic		,291	,172
Asymp. Sig. (2-tailed)		,074 ^c	,200 ^{c,d}

- Test distribution is Normal.
- Calculated from data.
- Lilliefors Significance Correction.
- This is a lower bound of the true significance.

		ANOVA					Si
			Sum of Squares	df	Mean Square	F	g.
Neutrofil	Groups	Between	186,000	4	46,500	2,990	,034
		Within	466,571	30	15,552		
	Total	652,571	34				
Limfosit	Groups	Between	782,457	4	195,614	9,400	,000
		Within	624,286	30	20,810		
	Total	1406,743	34				

Multiple Comparisons

Variable	Dependent	(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	S
Neutrofil		K+	K-	,14286	,10797	,946	4,
			P1	5,14286*	,10797	,021	
			P2	5,28571*	,10797	,018	
		K-	P3	2,28571	,10797	,287	2,
			K+	-	,10797	,946	4,


	P1	5,000 00*	2 ,10797	, 024			
	P2	5,142 86*	2 ,10797	, 021			
	P3	2,142 86	2 ,10797	, 317	2,		
	P1	K+	- 5,14286*	2 ,10797	, 021	9,	
		K-	- 5,00000*	2 ,10797	, 024	9,	
	P2	,1428 6	2 ,10797	, 946	4,		
	P3	- 2,85714	2 ,10797	, 185	7,		
	P2	K+	5,28571*	2 ,10797	, 018	9,	
		K-	- 5,14286*	2 ,10797	, 021	9,	
		P1	- ,14286	2 ,10797	, 946	4,	
		P3	- 3,00000	2 ,10797	, 165	7,	
		P3	K+	- 2,28571	2 ,10797	, 287	6,
			K-	- 2,14286	2 ,10797	, 317	6,
			P1	2,857 14	2 ,10797	, 185	1,
			P2	3,000 00	2 ,10797	, 165	1,
Limfosit		K+	K-	- 12,14286*	2 ,43836	, 000	17,
			P1	- 13,14286*	2 ,43836	, 000	18,
			P2	- 6,14286*	2 ,43836	, 017	11,
			P3	- 6,85714*	2 ,43836	, 009	11,
		K-	K+	12,14 286*	2 ,43836	, 000	
			P1	- 1,00000	2 ,43836	, 685	5,
			P2	6,000 00*	2 ,43836	, 020	

	P3	5,285 71*	2 ,43836	, 038
P1	K+	13,14 286*	2 ,43836	, 000
	K-	1,000 00	2 ,43836	, 685
	P2	7,000 00*	2 ,43836	, 007
	P3	6,285 71*	2 ,43836	, 015
P2	K+	6,142 86*	2 ,43836	, 017
	K-	- 6,00000*	2 ,43836	, 020
	P1	- 7,00000*	2 ,43836	, 007
	P3	- ,71429	2 ,43836	, 772
P3	K+	6,857 14*	2 ,43836	, 009
	K-	- 5,28571*	2 ,43836	, 038
	P1	- 6,28571*	2 ,43836	, 015
	P2	,7142 9	2 ,43836	, 772

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




Lampiran 2 Lembar Persetujuan Etik



FAKULTAS KEDOKTERAN UNIVERSITAS ISLAM BANDUNG
KOMITE ETIK PENELITIAN KESEHATAN

Jl. Tamansari No. 22 PO.BOX 1357 Telp. (022) 4203368 (hunting) Pes. 6905 Fax. 4231213 Bandung 40116



PERSETUJUAN ETIK
ETHICAL APPROVAL

Nomor: 040/Komite Etik.FK/IV/2019

Bismillahirrahmanirrahim

Komite Etik Penelitian Kesehatan Fakultas Kedokteran Universitas Islam Bandung, dalam upaya melindungi hak asasi dan kesejahteraan subjek penelitian kesehatan serta menjamin bahwa penelitian yang menggunakan formulir survei/registrasi/surveilans/epidemiologi/humaniora/sosial budaya/ bahan biologi tersimpan/sei punca dan nonklinis lainnya berjalan dengan memperhatikan implikasi etik, hukum, sosial, dan nonklinis lainnya yang berlaku telah mengkaji dengan teliti proposal penelitian berjudul:

The Health Research Ethics Committee, Faculty of Medicine, Universitas Islam Bandung in order to protect the rights and welfare of the health research subject, and to guaranty that the research using survey quetionnaire/surveillance/epidemiology/humanities/social-cultural/archived biological materials/ stem cell/other non-clinical materials, will carried out according to ethical, legal, social implications and other applicable regulations, has been troughly reviewed the proposal entitled:

Pengaruh Ekstrak Etanol Buah Delima Merah (*Punica granatum*) terhadap Jumlah Limfosit dan Neutrofil pada Mencit yang Dipapar Asap Rokok


Nama mahasiswa <i>Student</i>	: Rismawati Dewi
NPM <i>Student Batch Number</i>	: 10100116035
Pembimbing 1 <i>Supervisor 1</i>	: Mia Kusmiati, dr., M.Pd.Ked.
Pembimbing 2 <i>Supervisor 2</i>	: R. Kinca Sakinah, dr. MMRS
Nama institusi <i>Institution</i>	: Fakultas Kedokteran Universitas Islam Bandung

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

Demikian, surat keterangan ini dibuat dengan sebenar-benarnya dan untuk digunakan sebagaimana mestinya.

Ditetapkan di: Bandung
 Issued in
 Pada tanggal: 30 April 2019
 Date

Ketua
Chairman



Prof. Herry Garna, dr., Sp.A(K), Ph.D.

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 Komisi Etik Penelitian Kesehatan.
In the end of the research, progress and final summary report should be submitted to the Health 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 Komisi Etik Penelitian Kesehatan.
If there are serious adverse events (SAE) should be immediately reported to the Health Research Ethics Committee.