

LAMPIRAN

Lampiran 1. . Surat Persetujuan Etik (*Ethical clearance*)



Fakultas Kedokteran dan Ilmu Kesehatan
Universitas Muhammadiyah Yogyakarta

Nomor : 644/EP-FKIK-UMY/XII/2017

KETERANGAN LOLOS Uji ETIK ETHICAL APPROVAL

Komite Etik Penelitian Fakultas Kedokteran dan Ilmu Kesehatan Universitas Muhammadiyah Yogyakarta dalam upaya melindungi hak asasi dan kesejahteraan responden/subyek penelitian, telah mengkaji dengan teliti protokol berjudul :

The Ethics Committee of the Faculty of Medicine and Health Sciences, University of Muhammadiyah Yogyakarta, with regards of the protection of human rights and welfare in research, has carefully reviewed the research protocol entitled :

"Pengaruh Ekstrak Etanol Daun Sirsak (*Annona muricata L.*) Dalam Menghambat Migrasi Sel Kanker Kolon WiDr Secara In Vitro"

Peneliti Utama : Dara Ayu Septiyana
Principal Investigator

Nama Institusi : Program Studi Kedokteran FKIK UMY
Name of the Institution

Negara : Indonesia
Country

Dan telah menyetujui protokol tersebut diatas.
And approved the above-mentioned protocol.

Yogyakarta, 12 Desember 2017

Sekretaris
Secretary

Dr. dr. Titiek Hidayati, M.Kes.

***Peneliti Berkeajiban**

1. Menjaga kerahasiaan identitas subyek penelitian
2. Memberitahukan status penelitian apabila:
 - a. Setelah masa berlakunya keterangan lolos uji etik, penelitian masih belum selesai, dalam hal ini *ethical clearance* harus diperpanjang
 - b. Penelitian berhenti di tengah jalan
3. Melaporkan kejadian serius yang tidak diinginkan (*serious adverse events*)
4. Peneliti tidak boleh melakukan tindakan apapun pada responden/subyek sebelum penelitian lolos uji etik

Kampus:

Jl. Lingkar Selatan, Tamanbiris, Kasihan, Bantul, Yogyakarta 55183
Telp. (0274) 387656 ext. 213, 7491350 Fax. (0274) 387658

Muda mendunia

**Lampiran 2. Gambar simplisia daun sirsak dan ekstrak daun sirsak
(*Annona muricata* L.)**



Simplisia Daun Sirsak



Ekstrak Daun Sirsak

Lampiran 3. Hasil uji normalitas *scratch wound healing*

1. Pada Jam Ke- 12

Tests of Normality

Perlakuan		Kolmogorov-Smirnov(a)			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Penutupan	Kontrol	,177	3	.	1,000	3	,963
	Doxo 1/2	,348	3	.	,833	3	,196
	1/8 IC50	,338	3	.	,852	3	,246
	1/4 IC50	,351	3	.	,827	3	,181
	1/3 IC50	,307	3	.	,903	3	,394
	1/2 IC50	,261	3	.	,957	3	,602

a Lilliefors Significance Correction

ANOVA

Penutupan	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	767,537	5	153,507	16,5 13	,000
Within Groups	111,554	12	9,296		
Total	879,091	17			

Penutupan

Perlakuan	N	Subset for alpha = .05		
		1	2	3
Duncan(a)	1/2 IC50	3	12,5731	
	Doxo 1/2	3	13,0352	13,0352
	1/3 IC50	3	15,1721	15,1721
	1/4 IC50	3	17,4822	17,4822
	1/8 IC50	3		18,5551
	Kontrol	3		
Sig.		,092	,062	1,000

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 3,000.

2. Pada Jam Ke- 17

Tests of Normality

Perlakuan		Kolmogorov-Smirnov(a)			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Penutupan	Kontrol	,207	3	.	,992	3	,833
	Doxo 1/2	,268	3	.	,950	3	,570
	1/8 IC50	,251	3	.	,966	3	,646
	1/4 IC50	,207	3	.	,992	3	,832
	1/3 IC50	,373	3	.	,778	3	,063
	1/2 IC50	,211	3	.	,991	3	,814

a Lilliefors Significance Correction

ANOVA

Penutupan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1839,455	5	367,891	11,967	,000
Within Groups	368,920	12	30,743		
Total	2208,375	17			

Penutupan

Perlakuan	N	Subset for alpha = .05			
		1	2	3	1
Duncan) Doxo 1/2	3	14,5606			
1/2 IC50	3	16,8431			
1/3 IC50	3	18,0829			
1/4 IC50	3	21,9522	21,9522		
1/8 IC50	3		28,8849		
Kontrol	3				44,2439
Sig.		,156	,152		1,000

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 3,000.

3. Pada Jam ke- 24

Tests of Normality

Perlakuan	Kolmogorov-Smirnov(a)			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Penutupan Kontrol	,262	3	.	,956	3	,598
Doxo 1/2	,321	3	.	,882	3	,331
1/8 IC50	,354	3	.	,821	3	,165
1/4 IC50	,324	3	.	,876	3	,314
1/3 IC50	,244	3	.	,972	3	,677
1/2 IC50	,183	3	.	,999	3	,932

a Lilliefors Significance Correction

ANOVA

Penutupan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2736,903	5	547,381	12,634	,000
Within Groups	519,925	12	43,327		
Total	3256,828	17			

Penutupan

Perlakuan	N	Subset for alpha = .05				
		1	2	3	4	5
Duncan(a) Doxo 1/2	3	18,0428				
1/2 IC50	3	21,2888	21,2888			
1/3 IC50	3		32,7073	32,7073		
1/4 IC50	3			37,8778	37,8778	
1/8 IC50	3				44,9880	44,9880
Kontrol	3					53,0052
Sig.		,557	,055	,355	,211	,162

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 3,000.