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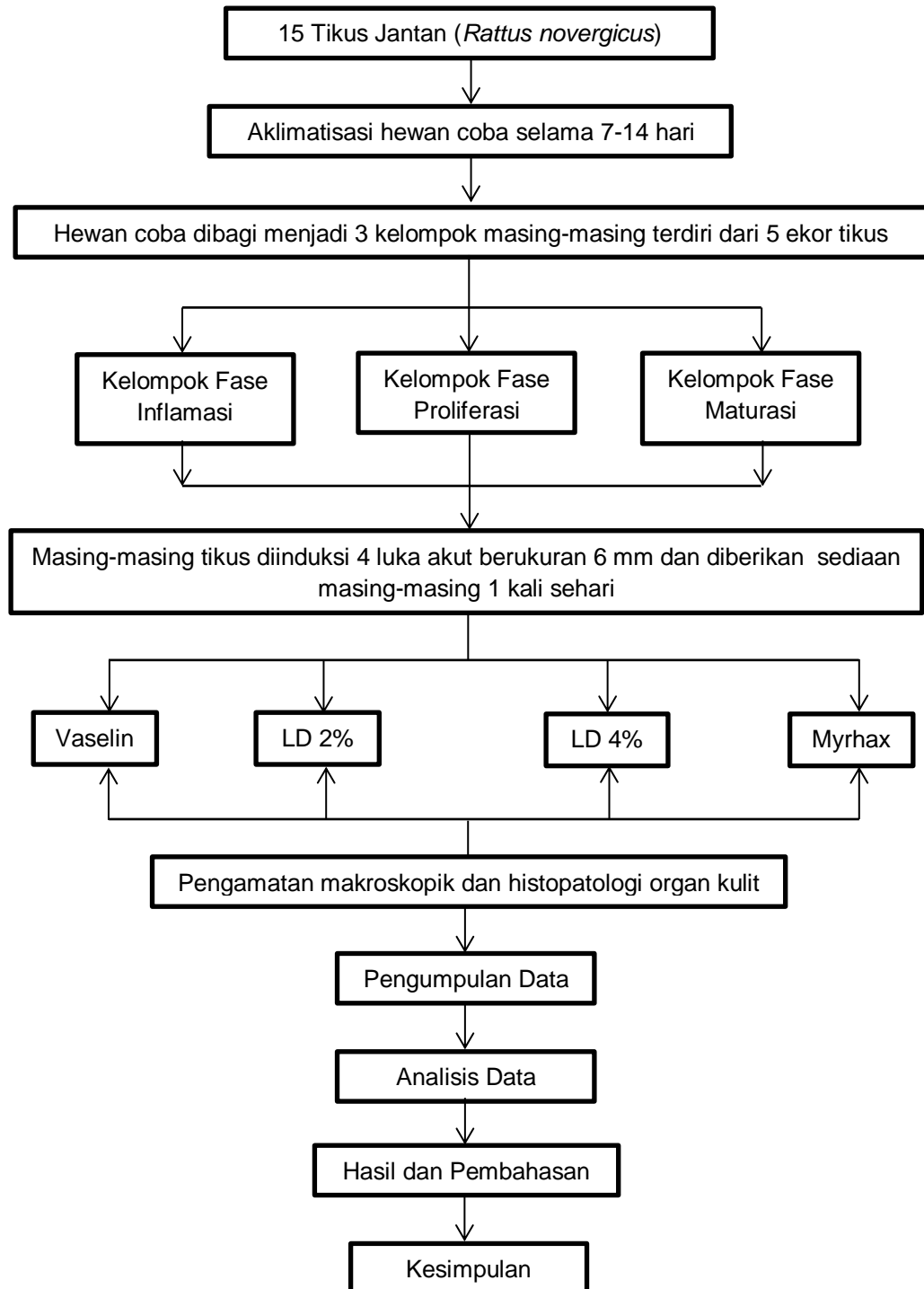
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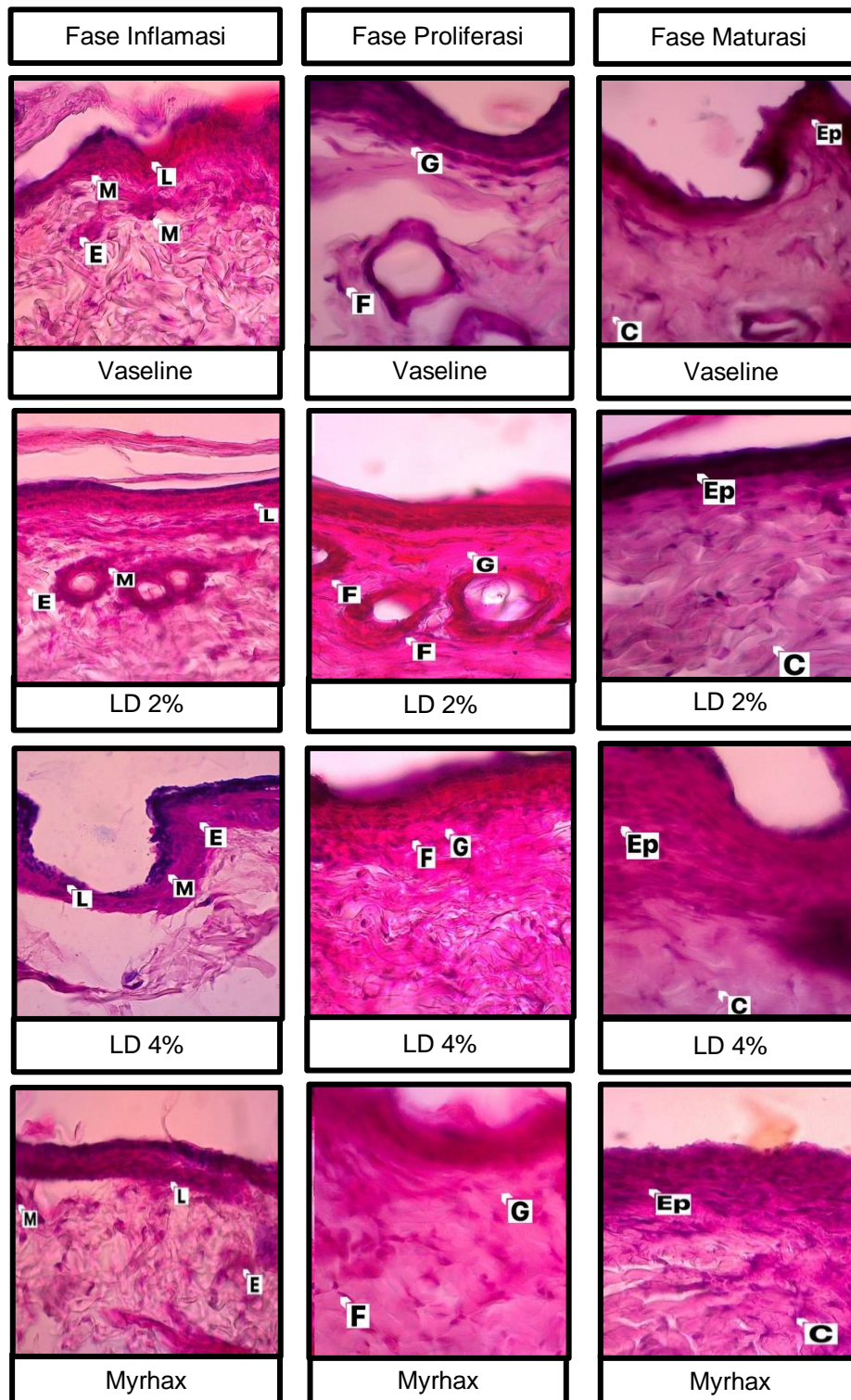
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LAMPIRAN**Lampiran 1. Skema Kerja****Gambar 12.** Skema Kerja

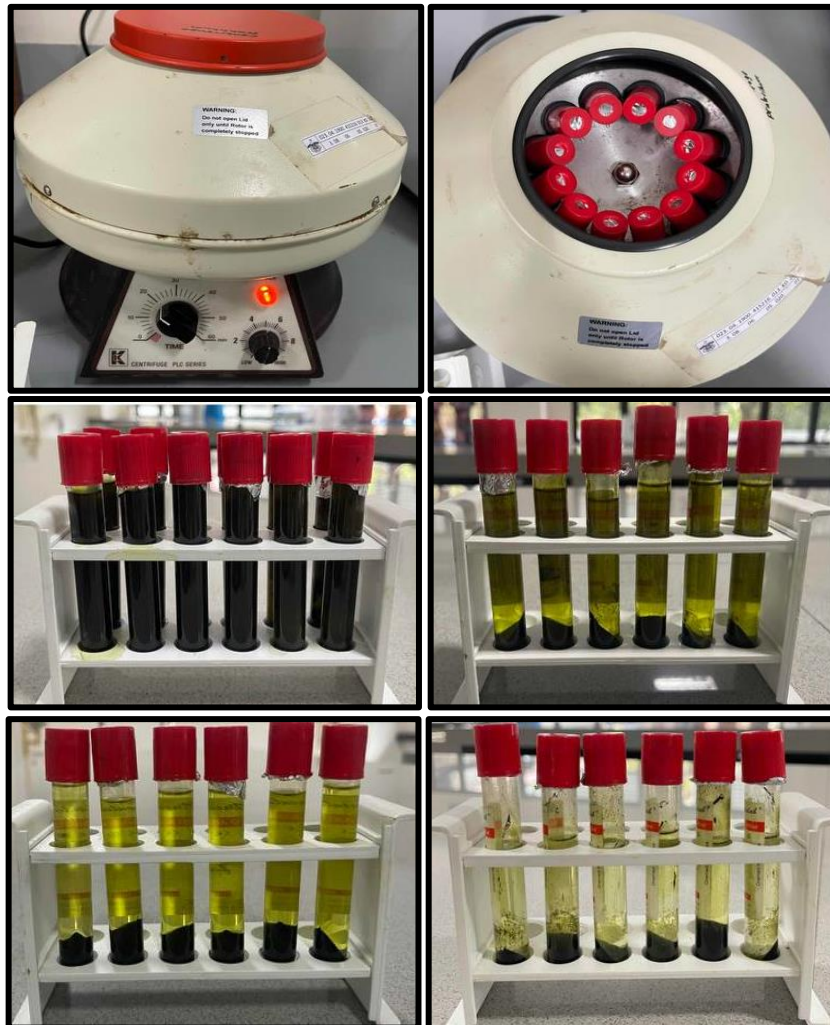
Lampiran 2. Gambar Histopatologi Semua Fase dan Kelompok Perlakuan



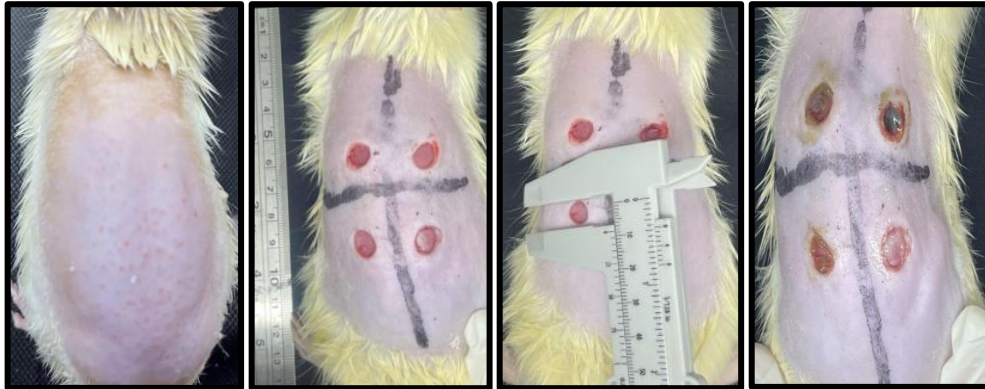
Gambar 13. Histopatologi Semua Fase dan Kelompok Perlakuan

Lampiran 3. Ekstraksi Sampel *L.decumana***Gambar 14.** Proses Penimbangan Simplisia dan Ekstraksi Maserasi**Gambar 15.** Proses Penguapan Ekstrak Menggunakan Rotavapor dan Silika Gel

Lampiran 4. Proses Pemisahan Ekstrak Etanol Larut dan Tidak Larut N-Heksan Menggunakan Alat Sentrifuge



Gambar 16. Proses Pemisahan Ekstrak Etanol Larut dan Tidak Larut N-Heksan Menggunakan Alat Sentrifuge

Lampiran 5. Proses Perlukaan Tikus (*Rattus Novergicus*)**Gambar 17.** Perlukaan, Pengukuran Diameter Luka dan Pengolesan Sampel**Gambar 18.** Luka Kulit yang Telah di Pisahkan dan Direndam dalam Formalin

Lampiran 6. Sampel *L.decumana*



Gambar 19. Sampel LD 2%



Gambar 20. Sampel LD 4%

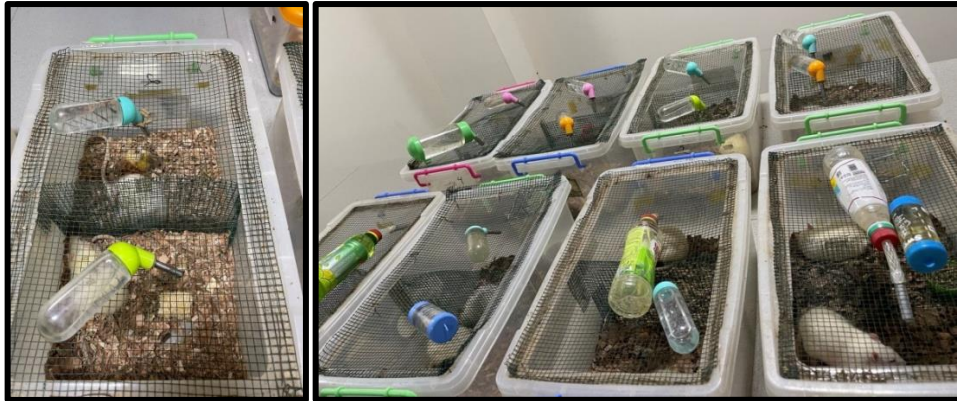
Lampiran 7. Kontrol Positif dan Kontrol Negatif

Gambar 21. Salep Myrhax sebagai kontrol positif



Gambar 22. Vaseline putih sebagai kontrol negatif

Lampiran 8. Kandang Hewan Uji Tikus (*Rattus novergicus*)



Gambar 23. Kandang Hewan Coba

Lampiran 9. Rekomendasi Persetujuan Etik


 <p>KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN KOMITE ETIK PENELITIAN UNIVERSITAS HASANUDDIN RSPTN UNIVERSITAS HASANUDDIN RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR Sekretariat : Lantai 2 Gedung Laboratorium Terpadu JL.PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR 90245. Contact Person: dr. Agussalim Bukhari.,MMed,PhD, SpGK TELP. 081241850858, 0411 5780103, Fax : 0411-581431</p> 			
REKOMENDASI PERSETUJUAN ETIK			
Nomor : 498/UN4.6.4.5.31/ PP36/ 2023			
Tanggal: 24 Juli 2023			
Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :			
No Protokol	UH23060435	No Sponsor	
Peneliti Utama	apt. Dwi Novrianty Busaeri, S.Farm	Sponsor	
Judul Peneliti	Efek Krim Ekstrak Daun Gatal (<i>Laportea Decumana</i>) Pada Fase Inflamasi, Proliferasi Dan Maturasi Penyembuhan Luka Pada Tikus Model Perlukaan Akut		
No Versi Protokol	2	Tanggal Versi	19 Juli 2023
No Versi PSP		Tanggal Versi	
Tempat Penelitian	Fakultas Farmasi Universitas Hasanuddin Makassar		
Jenis Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal	Masa Berlaku 24 Juli 2023 sampai 24 Juli 2024	Prckuensi review lanjutan
Ketua KEP Universitas Hasanuddin	Nama Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)	Tanda tangan	
Sekretaris KEP Universitas Hasanuddin	Nama dr. Agussalim Bukhari, M.Med.,Ph.D.,Sp.GK (K)	Tanda tangan	

Kewajiban Peneliti Utama:

- 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 protokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan

Gambar 24. Rekomendasi Persetujuan Etik

Lampiran 10. Surat Keterangan Kesehatan Hewan (SKKH)



PEMERINTAH KABUPATEN MAROS
DINAS PERTANIAN DAN KETAHANAN PANGAN
 Jalan Dr. Ratulangi No. 57 Maros Telp (0411)371478 Kode Pos 90511

SURAT KETERANGAN KESEHATAN HEWAN (SKKH)
 Nomor 524.3 / 179 / 11 / 2023 / PKH

Yang bertanda tangan di bawah ini :

drh. Ujistiary Abidin, SKH

Dokter Hewan Pemerintah pada Dinas Pertanian dan Ketahanan Pangan Kabupaten Maros yang membidangi fungsi Peternakan dan Kesehatan Hewan. Berdasarkan Undang-Undang No. 41 Nomor 2014 tentang Peternakan dan Kesehatan Hewan menerangkan bahwa berdasarkan hasil pemeriksaan tanda klinis/pemeriksaan fisik/laboratorium pada tanggal 10...- bulan ...Juli....., tahun2023., **bahwa:**

NO	JENIS TERNAK/HEWAN/BAH	JUMLAH	TANDA-TANDA				PEMILIK/ALAMAT	KETERANGAN
			Jenis Kelamin	Umur	Warna	Ciri-Ciri Khusus		
	TIKUS WISTAR	16 ekor	Jantan	2,5-3 Bulan	Putih	Ratih-H Komp. TM AU MANDAI	Uji Lab : Tujuan : UNHAS	

Dinyatakan :

1. Ternak/Hewan/Bahan Asal Hewan (BAH) tersebut pada saat pemeriksaan dalam keadaan sehat.
2. Ternak/Hewan/Bahan Asal Hewan (BAH) tersebut di atas aman dan tidak sebagai pembawa penyakit hewan menular/penyakit zoonosis
3. Surat Keterangan Kesehatan Hewan ini berlaku untuk 1 (satu) kali keperluan.

Demikian Surat Keterangan Kesehatan Hewan ini dibuat, untuk dipergunakan sebagaimana mestinya.


Maros, 10 Juli 2023
 Dokter Hewan yang Berwenang



Drh. Ujistiary Abidin, SKH
 Nip. 19821008 201001 2 022

Gambar 25. Surat Keterangan Kesehatan Hewan (SKKH)

Lampiran 11. Surat Keterangan Hewan Uji



GOLD MICE FARM

Jln Fokker No. 30 LANUD SULTAN HASANUDDIN MANDAI SULAWESI SELATAN
Kota Maros, Prov. Sulawesi selatan, 90552
No. HP/WA : 087841837375

SURAT KETERANGAN

Yang bertanda tangan di bawah ini :

Nama : Ratih Handayani, S.Sos
 Alamat : Jln Fokker No. 30 Lanud Sultan Hasanuddin Mandai Sulawesi Selatan
 Kota Maros, Prov. Sulawesi selatan, 90552
 No. HP : 087841837375

Menerangkan bahwa :


Nama : Dwi Novrianty Busaeri
 NIM : N012221041
 Fakultas : Magister Farmasi
 Institusi : Universitas Hasanuddin

Telah melakukan pembelian Tikus Putih **Galur Wistar** Jantan (Rattus Norvegicus) usia 2,5-3 bulan dengan berat 160-190 gram sebanyak 15 (lima belas) ekor dalam kondisi sehat yang digunakan sebagai hewan percobaan dan penelitian yang berjudul :

“EFEK KRIM EKSTRAK DAUN GATAL (Laportea decumana) PADA FASE INFLAMASI, PROLIFERASI DAN MATURASI PENYEMBUHAN LUKA PADA TIKUS MODEL PERLUKAAN AKUT”

Pembelian dilakukan pada Juli 2023
 Demikian surat keterangan ini dibuat untuk digunakan sebagaimana mestinya.

Maros, Juli 2023

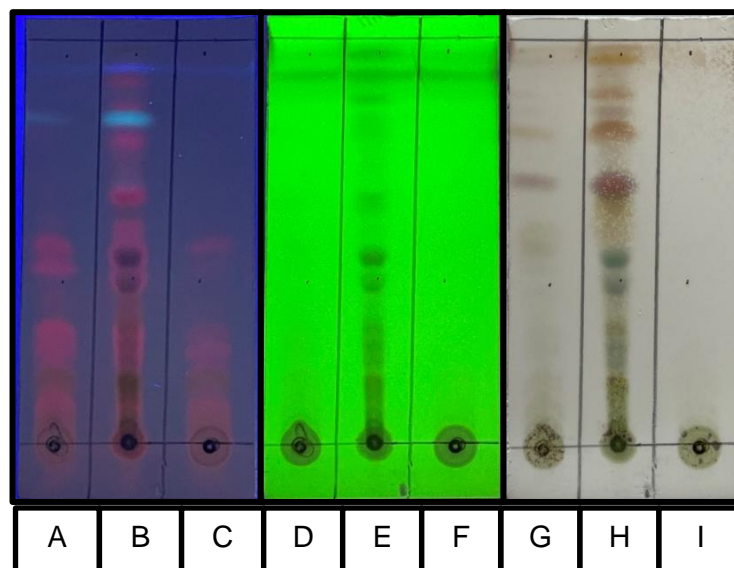


(Ratih Handayani, S.Sos)

Gambar 26. Surat Keterangan Hewan Uji

Lampiran 12. Uji Pendahuluan Kromatografi Lapis Tipis

Uji pendahuluan Kromatografi Lapis Tipis pada penelitian ini menggunakan hasil partisi padat-cair menggunakan sampel ekstrak *L.decumana*, ekstrak etanol larut n-heksan dan ekstrak etanol tidak larut n-heksan menggunakan eluen n-heksan:etil asetat 4:1 untuk dilakukan pengujian *preliminary*. Hasil dari pengujian Kromatografi Lapis Tipis ini, sebagai pendahuluan untuk mengetahui pemisahan senyawa setelah dilakukan partisi-cair..



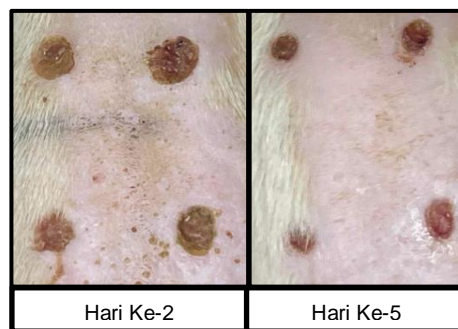
Gambar 27. Uji Pendahuluan Kromatografi Lapis Tipis

Keterangan:

- A : Ekstrak *L.decumana* UV 254
- B : Ekstrak larut n-heksan UV 254
- C : Ekstrak tidak larut n-heksan UV 254
- D : Ekstrak *L.decumana* UV 366
- E : Ekstrak larut n-heksan UV 366
- F : Ekstrak tidak larut n-heksan UV 366
- G : Ekstrak *L.decumana* setelah disemprotkan dengan H_2SO_4 dan di panaskan
- H : Ekstrak larut n-heksan setelah disemprotkan dengan H_2SO_4 dan di panaskan
- I : Ekstrak tidak larut n-heksan setelah disemprotkan dengan H_2SO_4 dan di panaskan

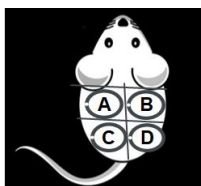
Lampiran 13. Pengujian *Preliminary*

Pengujian *preliminary* dilakukan menggunakan 3 hewan coba yang di induksi dan diberikan ekstrak *L.decumana*, ekstrak etanol larut n-heksan dan ekstrak etanol tidak larut n-heksan yang diberikan pembawa Vaseline (Gambar 28). Pada hari ke-2, luka mulai kering pada semua kelompok perlakuan dan pada hari ke-4, luka mulai menutup pada kelompok ekstrak tidak larut n-heksan disusul kelompok ekstrak *L.decumana*, kelompok ekstrak larut n-heksan dan kelompok kontrol negatif Vaseline, pada hari ke-10, luka mulai mengecil dan mulai tidak terlihat pada kelompok ekstrak etanol tidak larut n-heksan. Pada hari ke-15 luka sembuh secara merata pada semua kelompok perlakuan. Dari hasil *preliminary* ini, kelompok perlakuan ekstrak etanol tidak larut n-heksan yang dilanjutkan pada pengujian penyembuhan luka dengan melakukan pengukuran diameter luka dan pemeriksaan histopatologi fase inflamasi, fase proliferasi dan fase maturasi.



Gambar 28. Gambar Hasil Pengujian *Preliminary*

Keterangan:



- A: Ekstrak *L.decumana*
- B: Ekstrak Larut N-Heksan
- C: Ekstrak Tidak Larut N-Heksan
- D: Vaseline

Lampiran 14. Normalitas Diameter Luka Hari-1 hingga Hari-9

Tests of Normality				
	Kelompok Perlakuan	Shapiro-Wilk		
		Statistic	df	Sig.
Diameter Luka Day-0	Vaseline	,853	5	,205
	LD 2%	,974	5	,899
	LD 4%	,821	5	,119
Diameter Luka Day-1	Myrhax	,779	5	,054
	Vaseline	,881	5	,314
	LD 2%	,974	5	,899
Diameter Luka Day-2	LD 4%	,821	5	,119
	Myrhax	,779	5	,054
	Vaseline	,941	5	,671
Diameter Luka Day-3	LD 2%	,956	5	,777
	LD 4%	,987	5	,967
	Myrhax	,952	5	,754
Diameter Luka Day-4	Vaseline	,782	5	,057
	LD 2%	,833	5	,146
	LD 4%	,797	5	,077
Diameter Luka Day-5	Myrhax	,943	5	,685
	Vaseline	,942	5	,679
	LD 2%	,845	5	,180
Diameter Luka Day-6	LD 4%	,907	5	,449
	Myrhax	,946	5	,706
	Vaseline	,959	5	,801
Diameter Luka Day-7	LD 2%	,833	5	,148
	LD 4%	,928	5	,580
	Myrhax	,888	5	,345
Diameter Luka Day-8	Vaseline	,963	5	,826
	LD 2%	,885	5	,332
	LD 4%	,971	5	,883
Diameter Luka Day-9	Myrhax	,833	5	,146
	Vaseline	,985	5	,961
	LD 2%	,884	5	,328
Diameter Luka Day-9	LD 4%	,958	5	,793
	Myrhax	,994	5	,992
	Vaseline	,885	5	,332
Diameter Luka Day-9	LD 2%	,961	5	,814
	LD 4%	,779	5	,054
	Myrhax	,950	5	,735
Diameter Luka Day-9	Vaseline	,914	5	,492
	LD 2%	,871	5	,272
	LD 4%	,876	5	,290
	Myrhax	,934	5	,625

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

a. Lilliefors Significance Correction

Lampiran 15. Oneway Anova Diameter Luka Hari-1 hingga Hari-9

		ANOVA				
		Sum of Squares	df	Mean Square	F	Sig.
Diameter Luka Day-0	Between Groups	,000	3	,000	,227	,876
	Within Groups	,003	16	,000		
	Total	,003	19			
Diameter Luka Day-1	Between Groups	,025	3	,008	30,318	,783
	Within Groups	,004	16	,000		
	Total	,029	19			
Diameter Luka Day-2	Between Groups	,284	3	,095	62,546	,875
	Within Groups	,024	16	,002		
	Total	,308	19			
Diameter Luka Day-3	Between Groups	,152	3	,051	79,710	,873
	Within Groups	,010	16	,001		
	Total	,163	19			
Diameter Luka Day-4	Between Groups	1,014	3	,338	10,278	,976
	Within Groups	,526	16	,033		
	Total	1,540	19			
Diameter Luka Day-5	Between Groups	5,796	3	1,932	79,256	,230
	Within Groups	,390	16	,024		
	Total	6,186	19			
Diameter Luka Day-6	Between Groups	7,066	3	2,355	149,695	,340
	Within Groups	,252	16	,016		
	Total	7,318	19			
Diameter Luka Day-7	Between Groups	6,878	3	2,293	73,399	,200
	Within Groups	,500	16	,031		
	Total	7,377	19			
Diameter Luka Day-8	Between Groups	10,250	3	3,417	248,481	,150
	Within Groups	,220	16	,014		
	Total	10,470	19			
Diameter Luka Day-9	Between Groups	13,203	3	4,401	588,581	,009
	Within Groups	,120	16	,007		
	Total	13,323	19			

Gambar 29. Oneway Anova Diameter Luka Hari-1 hingga Hari-9

Lampiran 16. Tukey Multiple Comparisons Diameter Luka

Tukey HSD		Multiple Comparisons						
Dependent Variable	(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		
						Lower Bound	Upper Bound	
Diameter Luka Day-0	Vaseline	LD 2%	-,005600	,008785	,918	-,03073	,01953	
		LD 4%	,001067	,008785	,999	-,02407	,02620	
		Myrhax	-,000600	,008785	1,000	-,02573	,02453	
	LD 2%	Vaseline	,005600	,008785	,918	-,01953	,03073	
		LD 4%	,006667	,008785	,872	-,01847	,03180	
		Myrhax	,005000	,008785	,940	-,02013	,03013	
	LD 4%	Vaseline	-,001067	,008785	,999	-,02620	,02407	
		LD 2%	-,006667	,008785	,872	-,03180	,01847	
		Myrhax	-,001667	,008785	,997	-,02680	,02347	
	Diameter Luka Day-1	Myrhax	Vaseline	,000600	,008785	1,000	-,02453	,02573
			LD 2%	-,005000	,008785	,940	-,03013	,02013
			LD 4%	,001667	,008785	,997	-,02347	,02680
Vaseline		LD 2%	-,085000	,010442	,000	-,11487	-,05513	
		LD 4%	-,078333	,010442	,000	-,10821	-,04846	
		Myrhax	-,080000	,010442	,000	-,10987	-,05013	
LD 2%		Vaseline	,085000	,010442	,000	,05513	,11487	
		LD 4%	,006667	,010442	,918	-,02321	,03654	
		Myrhax	,005000	,010442	,963	-,02487	,03487	
LD 4%		Vaseline	,078333	,010442	,000	,04846	,10821	
		LD 2%	-,006667	,010442	,918	-,03654	,02321	
		Myrhax	-,001667	,010442	,998	-,03154	,02821	
Diameter Luka Day-2	Myrhax	Vaseline	,080000	,010442	,000	,05013	,10987	
		LD 2%	-,005000	,010442	,963	-,03487	,02487	
		LD 4%	,001667	,010442	,998	-,02821	,03154	
	Vaseline	LD 2%	,275000	,024590	,000	,20465	,34535	
		LD 4%	,277500	,024590	,000	,20715	,34785	
		Myrhax	,272500	,024590	,000	,20215	,34285	
	LD 2%	Vaseline	-,275000	,024590	,000	-,34535	-,20465	
		LD 4%	,002500	,024590	1,000	-,06785	,07285	
		Myrhax	-,002500	,024590	1,000	-,07285	,06785	
	LD 4%	Vaseline	-,277500	,024590	,000	-,34785	-,20715	
		LD 2%	-,002500	,024590	1,000	-,07285	,06785	
		Myrhax	-,005000	,024590	,997	-,07535	,06535	
Diameter Luka Day-3	Myrhax	Vaseline	-,272500	,024590	,000	-,34285	-,20215	
		LD 2%	,002500	,024590	1,000	-,06785	,07285	
		LD 4%	,005000	,024590	,997	-,06535	,07535	
	Vaseline	LD 2%	,172500	,015964	,000	,12683	,21817	
		LD 4%	,235500	,015964	,000	,18983	,28117	
		Myrhax	,167500	,015964	,000	,12183	,21317	
	LD 2%	Vaseline	-,172500	,015964	,000	-,21817	-,12683	
		LD 4%	,063000	,015964	,006	,01733	,10867	
		Myrhax	-,005000	,015964	,989	-,05067	,04067	
	LD 4%	Vaseline	-,235500	,015964	,000	-,28117	-,18983	
		LD 2%	-,063000	,015964	,006	-,10867	-,01733	
		Myrhax	-,068000	,015964	,003	-,11367	-,02233	
Diameter Luka Day-4	Myrhax	Vaseline	-,167500	,015964	,000	-,21317	-,12183	
		LD 2%	,005000	,015964	,989	-,04067	,05067	
		LD 4%	,068000	,015964	,003	,02233	,11367	
	Vaseline	LD 2%	,277500	,114667	,113	-,05056	,60556	
		LD 4%	,595000	,114667	,000	,26694	,92306	
		Myrhax	,475000	,114667	,004	,14694	,80306	
	LD 2%	Vaseline	-,277500	,114667	,113	-,60556	,05056	
		LD 4%	,317500	,114667	,060	-,01056	,64556	
		Myrhax	,197500	,114667	,345	-,13056	,52556	
	LD 4%	Vaseline	-,595000	,114667	,000	-,92306	-,26694	
		LD 2%	-,317500	,114667	,060	-,64556	,01056	
		Myrhax	-,120000	,114667	,725	-,44806	,20806	
Diameter Luka Day-5	Myrhax	Vaseline	-,475000	,114667	,004	-,80306	-,14694	
		LD 2%	-,197500	,114667	,345	-,52556	,13056	
		LD 4%	,120000	,114667	,725	-,20806	,44806	
	Vaseline	LD 2%	,695000	,098742	,000	,41250	,97750	
		LD 4%	1,325000	,098742	,000	1,04250	1,60750	
		Myrhax	1,285000	,098742	,000	1,00250	1,56750	
	LD 2%	Vaseline	-,695000	,098742	,000	-,97750	-,41250	
		LD 4%	,630000	,098742	,000	,34750	,91250	
		Myrhax	,590000	,098742	,000	,30750	,87250	
	LD 4%	Vaseline	-,1,325000	,098742	,000	-,1,60750	-,1,04250	
		LD 2%	-,630000	,098742	,000	-,91250	-,34750	
		Myrhax	-,040000	,098742	,977	-,32250	,24250	
Diameter Luka Day-6	Vaseline	Vaseline	-,1,285000	,098742	,000	-,1,56750	-,1,00250	
		LD 2%	-,590000	,098742	,000	-,87250	-,30750	
		LD 4%	,040000	,098742	,977	-,24250	,32250	
Diameter Luka Day-6	Vaseline	LD 2%	,845000	,079333	,000	,61803	1,07197	
		LD 4%	1,435000	,079333	,000	1,20803	1,66197	

		Myrhax	1,465000*	,079333	,000	1,23803	1,69197
		Vaseline	-,845000*	,079333	,000	-1,07197	-,61803
	LD 2%	LD 4%	-,590000*	,079333	,000	,36303	,81697
		Myrhax	,620000*	,079333	,000	,39303	,84697
		Vaseline	-1,435000*	,079333	,000	-1,66197	-1,20803
	LD 4%	LD 2%	-,590000*	,079333	,000	-,81697	-,36303
		Myrhax	,030000	,079333	,981	-,19697	,25697
		Vaseline	-1,465000*	,079333	,000	-1,69197	-1,23803
	Myrhax	LD 2%	-,620000*	,079333	,000	-,84697	-,39303
		LD 4%	-,030000	,079333	,981	-,25697	,19697
		Vaseline	1,055000*	,111775	,000	,73521	1,37479
		LD 4%	1,430000*	,111775	,000	1,11021	1,74979
		Myrhax	1,435000*	,111775	,000	1,11521	1,75479
		Vaseline	-1,055000*	,111775	,000	-1,37479	-,73521
	LD 2%	LD 4%	-,375000*	,111775	,019	,05521	,69479
		Myrhax	,380000*	,111775	,017	,06021	,69979
		Vaseline	-1,430000*	,111775	,000	-1,74979	-1,11021
	LD 4%	LD 2%	-,375000*	,111775	,019	-,69479	-,39303
		Myrhax	,005000	,111775	1,000	-,31479	,32479
		Vaseline	-1,435000*	,111775	,000	-1,75479	-1,11521
	Myrhax	LD 2%	-,380000*	,111775	,017	-,69979	-,6021
		LD 4%	-,005000	,111775	1,000	-,32479	,31479
		Vaseline	1,765000*	,074162	,000	,57282	,99718
		LD 4%	1,765000*	,074162	,000	1,55282	1,97718
		Myrhax	1,655000*	,074162	,000	1,44282	1,86718
		Vaseline	-,785000*	,074162	,000	-,99718	-,57282
	LD 2%	LD 4%	-,980000*	,074162	,000	-,76782	-,19218
		Myrhax	,870000*	,074162	,000	,65782	1,08218
		Vaseline	-1,765000*	,074162	,000	-1,97718	-1,55282
	LD 4%	LD 2%	-,980000*	,074162	,000	-1,19218	-,76782
		Myrhax	-,110000	,074162	,470	-,32218	,10218
		Vaseline	-1,655000*	,074162	,000	-1,86718	-1,44282
	Myrhax	LD 2%	-,870000*	,074162	,000	-1,08218	-,65782
		LD 4%	,110000	,074162	,470	-,10218	,32218
		Vaseline	1,040000*	,054690	,000	,88353	1,19647
		LD 4%	2,063800*	,054690	,000	1,90733	2,22027
		Myrhax	1,860000*	,054690	,000	1,70353	2,01647
		Vaseline	-1,040000*	,054690	,000	-1,19647	-,88353
	LD 2%	LD 4%	1,023800*	,054690	,000	,86733	1,18027
		Myrhax	,820000*	,054690	,000	,66353	,97647
		Vaseline	-2,063800*	,054690	,000	-2,22027	-1,90733
	LD 4%	LD 2%	-1,023800*	,054690	,000	-1,18027	-,86733
		Myrhax	-,203800*	,054690	,009	-,36027	-,04733
		Vaseline	-1,860000*	,054690	,000	-2,01647	-1,70353
	Myrhax	LD 2%	-,820000*	,054690	,000	-,97647	-,66353
		LD 4%	,203800*	,054690	,009	,04733	,36027

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

Gambar 30. Tukey Multiple Comparisons Diameter Luka

Lampiran 17. Kruskal-Wallis Fase Inflamasi, Fase Proliferasi dan Fase Maturasi

Hypothesis Test Summary				
	Null Hypothesis	Test	Sig.	Decision
1	The distribution of Parameter Inflamasi is the same across categories of Kelompok Perlakuan	Independent-Samples Kruskal-Wallis Test	,001	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is ,05.

Gambar 31. Kruskal-Wallis Fase Inflamasi

Hypothesis Test Summary				
	Null Hypothesis	Test	Sig.	Decision
1	The distribution of Parameter Inflamasi is the same across categories of Kelompok Perlakuan	Independent-Samples Kruskal-Wallis Test	,002	Reject the null hypothesis.
2	The distribution of Parameter Proliferasi is the same across categories of Kelompok Perlakuan	Independent-Samples Kruskal-Wallis Test	,007	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is ,05.

Gambar 32. Kruskal-Wallis Fase Proliferasi

Hypothesis Test Summary				
	Null Hypothesis	Test	Sig.	Decision
1	The distribution of Parameter Inflamasi is the same across categories of Kelompok Perlakuan	Independent-Samples Kruskal-Wallis Test	,001	Reject the null hypothesis.
2	The distribution of Parameter Proliferasi is the same across categories of Kelompok Perlakuan	Independent-Samples Kruskal-Wallis Test	,003	Reject the null hypothesis.
3	The distribution of Parameter Maturasi is the same across categories of Kelompok Perlakuan	Independent-Samples Kruskal-Wallis Test	,005	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is ,05.

Gambar 33. Kruskal-Wallis Fase Maturasi

Lampiran 18. Mann-Whitney Fase Inflamasi

Mann-Whitney Vaseline – LD 2%

	Parameter Inflamasi
Mann-Whitney U	,000
Wilcoxon W	15,000
Z	-2,739
Asymp. Sig. (2-tailed)	,006
Exact Sig. [2*(1-tailed Sig.)]	,008 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Mann-Whitney Vaseline – LD 4%

	Parameter Inflamasi
Mann-Whitney U	,000
Wilcoxon W	15,000
Z	-2,694
Asymp. Sig. (2-tailed)	,007
Exact Sig. [2*(1-tailed Sig.)]	,008 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Mann-Whitney Vaseline – Myrhax

	Parameter Inflamasi
Mann-Whitney U	,000
Wilcoxon W	15,000
Z	-2,685
Asymp. Sig. (2-tailed)	,007
Exact Sig. [2*(1-tailed Sig.)]	,008 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Mann-Whitney LD 2% – LD 4%

	Parameter Inflamasi
Mann-Whitney U	1,000
Wilcoxon W	16,000
Z	-2,545
Asymp. Sig. (2-tailed)	,011
Exact Sig. [2*(1-tailed Sig.)]	,016 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Mann-Whitney LD 2% - Myrhax

	Parameter Inflamasi
Mann-Whitney U	4,500
Wilcoxon W	19,500
Z	-1,848
Asymp. Sig. (2-tailed)	,065
Exact Sig. [2*(1-tailed Sig.)]	,095 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Mann-Whitney LD 4% - Myrhax

	Parameter Inflamasi
Mann-Whitney U	6,500
Wilcoxon W	21,500
Z	-1,386
Asymp. Sig. (2-tailed)	,166
Exact Sig. [2*(1-tailed Sig.)]	,222 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Lampiran 19. Mann-Whitney Fase Proliferasi

Mann-Whitney Vaseline – LD 2%

	Parameter Inflamasi	Parameter Proliferasi
Mann-Whitney U	,000	1,000
Wilcoxon W	15,000	16,000
Z	-2,685	-2,545
Asymp. Sig. (2-tailed)	,007	,011
Exact Sig. [2*(1-tailed Sig.)]	,008 ^b	,016 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Mann-Whitney Vaseline – LD 4%

	Parameter Inflamasi	Parameter Proliferasi
Mann-Whitney U	,000	,000
Wilcoxon W	15,000	15,000
Z	-2,685	-2,739
Asymp. Sig. (2-tailed)	,007	,006
Exact Sig. [2*(1-tailed Sig.)]	,008 ^b	,008 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Mann-Whitney Vaseline – Myrhax

	Parameter Inflamasi	Parameter Proliferasi
Mann-Whitney U	,000	1,000
Wilcoxon W	15,000	16,000
Z	-2,730	-2,520
Asymp. Sig. (2-tailed)	,006	,012
Exact Sig. [2*(1-tailed Sig.)]	,008 ^b	,016 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Mann-Whitney LD 2% – LD 4%

	Parameter Inflamasi	Parameter Proliferasi
Mann-Whitney U	3,000	4,500
Wilcoxon W	18,000	19,500
Z	-2,154	-1,897
Asymp. Sig. (2-tailed)	,031	,058
Exact Sig. [2*(1-tailed Sig.)]	,056 ^b	,095 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Mann-Whitney LD 2% - Myrhax

	Parameter Inflamasi	Parameter Proliferasi
Mann-Whitney U	10,000	9,500
Wilcoxon W	25,000	24,500
Z	-,655	-,671
Asymp. Sig. (2-tailed)	,513	,502
Exact Sig. [2*(1-tailed Sig.)]	,690 ^b	,548 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Mann-Whitney LD 4% - Myrhax

	Parameter Inflamasi	Parameter Proliferasi
Mann-Whitney U	4,000	9,500
Wilcoxon W	19,000	24,500
Z	-2,032	-,671
Asymp. Sig. (2-tailed)	,042	,502
Exact Sig. [2*(1-tailed Sig.)]	,095 ^b	,548 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Lampiran 20. Mann-Whitney Fase Maturasi

Mann-Whitney Vaseline – LD 2%

	Parameter Inflamasi	Parameter Proliferasi	Parameter Maturasi
Mann-Whitney U	,000	,000	,000
Wilcoxon W	15,000	15,000	15,000
Z	-2,694	-2,694	-2,785
Asymp. Sig. (2-tailed)	,007	,007	,005
Exact Sig. [2*(1-tailed Sig.)]	,008 ^b	,008 ^b	,008 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Mann-Whitney Vaseline – LD 4%

	Parameter Inflamasi	Parameter Proliferasi	Parameter Maturasi
Mann-Whitney U	,000	,000	,000
Wilcoxon W	15,000	15,000	15,000
Z	-2,739	-2,835	-2,739
Asymp. Sig. (2-tailed)	,006	,005	,006
Exact Sig. [2*(1-tailed Sig.)]	,008 ^b	,008 ^b	,008 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Mann-Whitney Vaseline – Myrhax

	Parameter Inflamasi	Parameter Proliferasi	Parameter Maturasi
Mann-Whitney U	,000	,000	,000
Wilcoxon W	15,000	15,000	15,000
Z	-2,694	-2,694	-2,712
Asymp. Sig. (2-tailed)	,007	,007	,007
Exact Sig. [2*(1-tailed Sig.)]	,008 ^b	,008 ^b	,008 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Mann-Whitney LD 2% – LD 4%

	Parameter Inflamasi	Parameter Proliferasi	Parameter Maturasi
Mann-Whitney U	1,000	5,000	10,000
Wilcoxon W	16,000	20,000	25,000
Z	-2,545	-1,964	-,655
Asymp. Sig. (2-tailed)	,011	,050	,513
Exact Sig. [2*(1-tailed Sig.)]	,016 ^b	,151 ^b	,690 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Mann-Whitney LD 2% - Myrhax

	Parameter Inflamasi	Parameter Proliferasi	Parameter Maturasi
Mann-Whitney U	12,000	10,000	8,500
Wilcoxon W	27,000	25,000	23,500
Z	-,113	-,600	-,949
Asymp. Sig. (2-tailed)	,910	,549	,343
Exact Sig. [2*(1-tailed Sig.)]	1,000 ^b	,690 ^b	,421 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Mann-Whitney LD 4% - Myrhax

	Parameter Inflamasi	Parameter Proliferasi	Parameter Maturasi
Mann-Whitney U	1,500	7,500	7,000
Wilcoxon W	16,500	22,500	22,000
Z	-2,460	-1,500	-1,247
Asymp. Sig. (2-tailed)	,014	,134	,212
Exact Sig. [2*(1-tailed Sig.)]	,016 ^b	,310 ^b	,310 ^b

a. Grouping Variable: Kelompok Perlakuan

b. Not corrected for ties.

Lampiran 21. Kruskal-Wallis Parameter Inflamasi Terhadap Semua Fase

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of Vaseline is the same across categories of Parameter Inflamas.	Independent-Samples Kruskal-Wallis Test	,003	Reject the null hypothesis.
2	The distribution of LD 2% is the same across categories of Parameter Inflamas.	Independent-Samples Kruskal-Wallis Test	,003	Reject the null hypothesis.
3	The distribution of LD 4% is the same across categories of Parameter Inflamas.	Independent-Samples Kruskal-Wallis Test	,002	Reject the null hypothesis.
4	The distribution of Myrhax is the same across categories of Parameter Inflamas.	Independent-Samples Kruskal-Wallis Test	,007	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is ,05.

Gambar 34. Kruskal-Wallis Parameter Inflamasi Terhadap Semua Fase

Lampiran 22. Mann-Whitney Parameter Inflamasi Terhadap Semua Fase

Mann Whitney Parameter Inflamasi Fase Inflamasi-Fase Proliferasi^a

	Vaseline	LD 2%	LD 4%	Myrhax
Mann-Whitney U	,000	,000	,000	,000
Wilcoxon W	15,000	15,000	15,000	15,000
Z	-2,685	-2,739	-2,694	-2,730
Asymp. Sig. (2-tailed)	,007	,006	,007	,006
Exact Sig. [2*(1-tailed Sig.)]	,008 ^b	,008 ^b	,008 ^b	,008 ^b

a. Grouping Variable: Parameter Inflamas

b. Not corrected for ties.

Mann Whitney Parameter Inflamasi Fase Inflamasi-Fase Maturasi^a

	Vaseline	LD 2%	LD 4%	Myrhax
Mann-Whitney U	,000	,000	,000	,000
Wilcoxon W	15,000	15,000	15,000	15,000
Z	-2,694	-2,739	-2,739	-2,685
Asymp. Sig. (2-tailed)	,007	,006	,006	,007
Exact Sig. [2*(1-tailed Sig.)]	,008 ^b	,008 ^b	,008 ^b	,008 ^b

a. Grouping Variable: Parameter Inflamas

b. Not corrected for ties.

Mann Whitney Parameter Inflamasi Fase Proliferasi-Fase Maturasi^a

	Vaseline	LD 2%	LD 4%	Myrhax
Mann-Whitney U	3,000	4,500	1,500	9,000
Wilcoxon W	18,000	19,500	16,500	24,000
Z	-2,147	-1,897	-2,460	-,775
Asymp. Sig. (2-tailed)	,032	,058	,014	,439
Exact Sig. [2*(1-tailed Sig.)]	,056 ^b	,095 ^b	,016 ^b	,548 ^b

a. Grouping Variable: Parameter Inflamas

b. Not corrected for ties.

Lampiran 23. Kruskal-Wallis Parameter Proliferasi Terhadap Semua Fase

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of Vaseline is the same across categories of Parameter Proliferasi.	Independent-Samples Kruskal-Wallis Test	,513	Retain the null hypothesis.
2	The distribution of LD 2% is the same across categories of Parameter Proliferasi.	Independent-Samples Kruskal-Wallis Test	,058	Retain the null hypothesis.
3	The distribution of LD 4% is the same across categories of Parameter Proliferasi.	Independent-Samples Kruskal-Wallis Test	,050	Reject the null hypothesis.
4	The distribution of Myrhax is the same across categories of Parameter Proliferasi.	Independent-Samples Kruskal-Wallis Test	,307	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is ,05.

Gambar 35. Kruskal-Wallis Parameter Proliferasi Terhadap Semua Fase

Lampiran 24. Mann-Whitney Parameter Proliferasi Terhadap Semua Fase

Mann Whitney Parameter Proliferasi Fase Proliferasi-Fase Maturasi^a

	Vaseline	LD 2%	LD 4%	Myrhax
Mann-Whitney U	10,000	4,500	5,000	8,000
Wilcoxon W	25,000	19,500	20,000	23,000
Z	-,655	-1,897	-1,964	-1,021
Asymp. Sig. (2-tailed)	,513	,058	,050	,307
Exact Sig. [2*(1-tailed Sig.)]	,690 ^b	,095 ^b	,151 ^b	,421 ^b

a. Grouping Variable: Parameter Proliferasi

b. Not corrected for ties.

Lampiran 25. Scoring Fase Inflamasi

Vaseline	Parameter Inflamasi			TOTAL FASE
	E	L	M	
1	0	2	2	4
2	0	2	2	4
3	1	1	2	4
4	0	0	2	2
5	0	1	1	2
MEAN	0,2	1,2	1,8	3,2
SD	0,4	0,75	0,4	0,98
LD 2%	Parameter Inflamasi			TOTAL FASE
	E	L	M	
1	0	3	2	5
2	1	3	2	6
3	0	2	3	5
4	1	2	2	5
5	0	2	3	5
MEAN	0,4	2,4	2,4	5,2
SD	0,49	0,49	0,49	0,4
LD 4%	Parameter Inflamasi			TOTAL FASE
	E	L	M	
1	1	2	3	6
2	1	3	2	6
3	1	3	3	7
4	1	3	3	7
5	1	3	3	7
MEAN	1	2,8	2,8	6,6
SD	0	0,4	0,4	0,49
Myrhax	Parameter Inflamasi			TOTAL FASE
	E	L	M	
1	1	3	2	6
2	1	3	3	7
3	0	3	3	6
4	1	2	2	5
5	1	2	3	6
MEAN	0,8	2,6	2,6	6
SD	0,4	0,49	0,49	0,64

Lampiran 26. Scoring Fase Proliferasi

Vaseline	Parameter Inflamasi				Parameter Proliferasi		
	E	L	M	Total	G	F	Total
1	1	3	2	6	2	1	3
2	1	3	3	7	2	2	4
3	2	3	3	8	1	2	3
4	1	3	2	6	1	2	3
5	1	2	3	6	1	2	3
MEAN	1,2	2,8	2,6	6,6	1,4	1,8	3,2
SD	0,4	0,4	0,49	0,8	0,49	0,4	0,4
LD 2%	Parameter Inflamasi				Parameter Proliferasi		
	E	L	M	Total	G	F	Total
1	0	2	1	3	2	2	4
2	1	2	1	4	2	3	5
3	0	2	1	3	3	2	5
4	1	1	2	4	2	2	4
5	0	1	2	3	2	3	5
MEAN	0,4	1,6	1,4	3,4	2,2	2,4	4,6
SD	0,49	0,49	0,49	0,49	0,4	0,49	0,49
LD 4%	Parameter Inflamasi				Parameter Proliferasi		
	E	L	M	Total	G	F	Total
1	0	1	1	2	2	3	5
2	0	1	1	2	2	3	5
3	1	1	1	3	3	3	6
4	0	1	1	2	3	2	5
5	1	1	1	3	3	3	6
MEAN	0,4	1	1	2,4	2,6	2,8	5,4
SD	0,49	0	0	0,49	0,49	0,4	0,49
Myrhax	Parameter Inflamasi				Parameter Proliferasi		
	E	L	M	Total	G	F	Total
1	0	2	1	3	2	3	5
2	1	1	1	3	3	3	6
3	1	2	1	4	2	2	4
4	0	1	2	3	2	2	4
5	0	1	2	3	3	3	6
MEAN	0,4	1,4	1,4	3,2	2,4	2,6	5
SD	0,49	0,49	0,49	0,4	0,49	0,49	0,90

Lampiran 27. Scoring Fase Maturasi

Vaseline	Parameter Inflamasi				Parameter Proliferasi			Parameter Maturasi		
	E	L	M	Total	G	F	Total	C	Ep	Total
1	1	2	2	5	2	2	4	1	2	3
2	1	2	2	5	2	2	4	2	1	3
3	1	2	2	5	1	2	3	1	2	3
4	1	3	2	6	2	1	3	1	2	3
5	1	2	3	6	1	2	3	1	1	2
MEAN	1	2,2	2,2	5,4	1,6	1,8	3,4	1,2	1,6	2,8
SD	0	0,4	0,4	0,49	0,49	0,4	0,49	0,4	0,49	0,4
LD 2%	Parameter Inflamasi				Parameter Proliferasi			Parameter Maturasi		
	E	L	M	Total	G	F	Total	C	Ep	Total
1	0	1	1	2	2	3	5	3	2	5
2	1	1	1	3	3	3	6	2	3	5
3	0	1	1	2	3	3	6	3	3	6
4	0	2	1	3	3	2	5	3	2	5
5	0	1	2	3	2	3	5	3	2	5
MEAN	0,2	1,2	1,2	2,6	2,6	2,8	5,4	2,8	2,4	5,2
SD	0,4	0,4	0,4	0,49	0,49	0,4	0,49	0,4	0,49	0,4
LD 4%	Parameter Inflamasi				Parameter Proliferasi			Parameter Maturasi		
	E	L	M	Total	G	F	Total	C	Ep	Total
1	0	1	0	1	3	3	6	3	3	6
2	0	0	1	1	3	3	6	2	3	5
3	0	1	0	1	3	3	6	3	2	5
4	0	1	0	1	3	3	6	3	3	6
5	0	1	1	2	3	3	6	3	2	5
MEAN	0	0,8	0,4	1,2	3	3	6	2,8	2,6	5,4
SD	0	0,4	0,49	0,4	0	0	0	0,4	0,49	0,49
Myrhax	Parameter Inflamasi				Parameter Proliferasi			Parameter Maturasi		
	E	L	M	Total	G	F	Total	C	Ep	Total
1	0	1	1	2	3	3	6	3	3	6
2	0	1	1	2	3	3	6	3	2	5
3	1	1	2	4	2	3	5	3	2	5
4	1	1	2	4	3	2	5	2	2	4
5	0	1	1	2	3	3	6	2	2	4
MEAN	0,4	1	1,4	2,8	2,8	2,8	5,6	2,6	2,2	4,8
SD	0,49	0	0,49	0,98	0,4	0,4	0,49	0,49	0,4	0,75