

L

A

M

P

I

R

A

N

Lampiran 1. Hasil Determinasi



LABORATORIUM SISTEMATIKA HEWAN
 FAKULTAS BIOLOGI UNIVERSITAS GADJAH MADA
 Jl. Teknika Selatan, Sekip Utara, Yogyakarta 55281. Telp. (0274) 580839

SURAT KETERANGAN
 No : BI/SH/03/II/2021

Yang bertanda tangan dibawah ini, menerangkan bahwa Mahasiswa Fakultas Farmasi, Universitas Setia Budi:

Nama : Nanda Sawiya Aulyna
 NIM : 23175297 A
 Prodi : Farmasi

Telah selesai melakukan identifikasi anggota gastropoda darat (bekicot) di Laboratorium Sistematika Hewan (SH), Fakultas Biologi, Universitas Gadjah Mada, di bawah bimbingan Donan Satria Yudha, S.Si., M.Sc.

Hasil Identifikasi sebagai berikut :

1. *Achatina fulica* (Férussac, 1821) (deskripsi terlampir)

Demikian surat keterangan ini dibuat, untuk dipergunakan seperlunya.

Mengetahui,
 an. Dekan
 Wakil Dekan Bidang Penelitian, Pengabdian
 Kepada Masyarakat, Kerjasama dan Alumni



Dr. Eko Agus Suryono, M.App.Sc.
 NIP. 197112181997021001

Yogyakarta, 02 Maret 2021
 Kepala
 Laboratorium Sistematika Hewan



Dr. Dra. Rr. Upiék Ngesti WA, D.AP.&E. M.Biomed.
 NIP. 196403281990032001

1



LABORATORIUM SISTEMATIKA HEWAN
 FAKULTAS BIOLOGI UNIVERSITAS GADJAH MADA
 Jl. Teknika Selatan, Sekip Utara, Yogyakarta 55281. Telp. (0274) 580839

Hasil Identifikasi:

1. Klasifikasi

Regnum (Kerajaan) : Animalia
 Phylum (Filum) : Mollusca
 Classis (Kelas) : Gastropoda
 Ordo (Bangsa) : Stylommatophora
 Familia (Suku) : Achatinidae
 Genus (Marga) : Achatina
 Spesies (Jenis) : *Achatina fulica* (Férussac, 1821)

Deskripsi:

Cangkang berbentuk konus dan berujung runcing; cangkang mempunyai 7 sampai 9 *whorl*, jarang yg mencapai 10 *whorl*; warna cangkang biasanya coklat-kemerahan dengan warna terang kekuningan, terdapat goresan vertikal (aksial), atau warna kopi terang; *whorl* bulat dengan sutura yang sedikit tampak diantara *whorl*; apertura relatif pendek dengan bentuk setengah oval atau bulan sabit; bibir cangkang runcing, konveks/cembung, tipis dan melengkung sedikit datar sampai semi-elips; permukaan cangkang relatif halus dengan garis-garis tumbuh aksial tampak kurang jelas; kolumela tampak terpotong atau ujungnya tampak seperti mendadak berakhir; kolumela umumnya cekung; kolumela dan *parietal callus* putih atau putih kebiruan tanpa jejak warna merah muda; kepala dengan 2 pasang tentakel, sepasang depan pendek sebagai organ peraba dan kemosistis; sepasang dibelakangnya terdapat mata diujung atas; warna tubuh belang-belang/bintik-bintik coklat, terkadang warna coklat krem pucat.



Gambar 1. Bekicot *Achatina fulica*, kiri tampak body whorl dan apex, kanan tampak apertura.

Yogyakarta, 24 Februari 2021

Donan Satya Yudha, S.Si., M.Sc.
 NIP. 198010262012121003

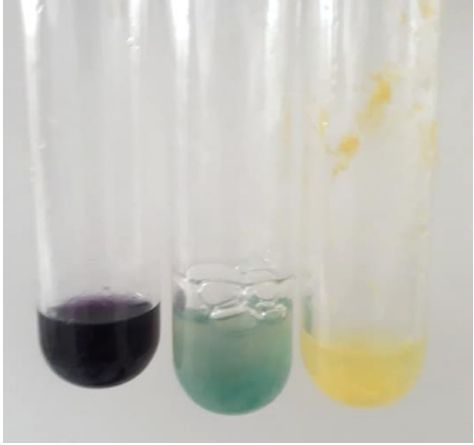


LABORATORIUM SISTEMATIKA HEWAN
FAKULTAS BIOLOGI UNIVERSITAS GADJAH MADA
Jl. Teknik Selatan, Sekip Utara, Yogyakarta 55281. Telp. (0274) 580839

Referensi

- Raut, S.K., and G.M. Barker. 2002. *Achatina fulica* Bowdich and Other Achatinidae as Pests in Tropical Agriculture. CAB International 2002. Molluscs as Crop Pests.
- van Benthem Jutting, WSS. 1952. III. *Critical revision of the Javanese Pulmonate Land-snails of the Families Ellobiidae to Limacidae, with an Appendix on Heliocarionidae*. In: *Systematics studies on the non-marine Mollusca of the Indo-Australian Archipelago*. Treubia. Vol.21, Parts 2. Museum Zoologicum Bogoriense, Kebun Raya Indonesia, Bogor, Java. Printed by Archipel – Bogor (Java). Pp. 390-396.
- Wade, C.M., P.B. Mordan and B. Clarke. 2001. *A phylogeny of the land snails (Gastropoda: Pulmonata)*. Proc. R. Soc. Lond. B 2001 268, 413-422.

Lampiran 2. Hasil Identifikasi Protein

Gambar	Metode	Hasil
 <p data-bbox="419 887 727 920">A B C</p>	<p data-bbox="863 645 1086 790">A. Biuret B. Ninhidrin C. Xantoprotein</p>	<p data-bbox="1161 477 1331 846">Hasil dari semua identifikasi menunjukkan positif mengandung protein</p>

Lampiran 3. Alat dan Bahan Uji



Gambar Lendir Bekicot



Alat Uji Daya Sebar



Alat Uji Viskositas



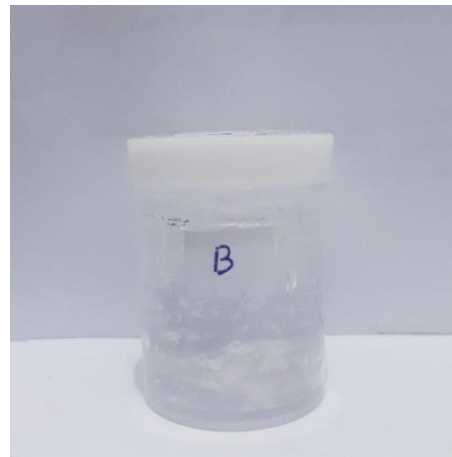
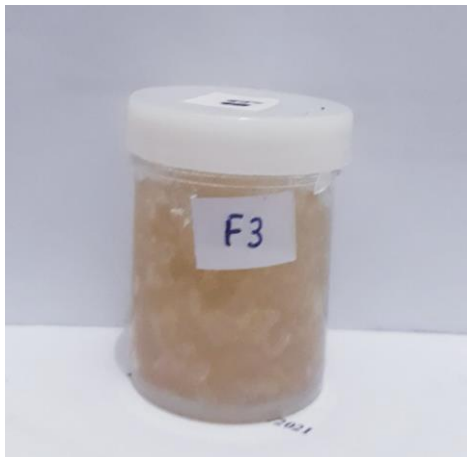
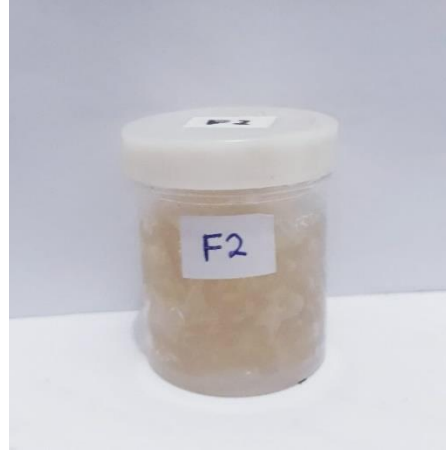
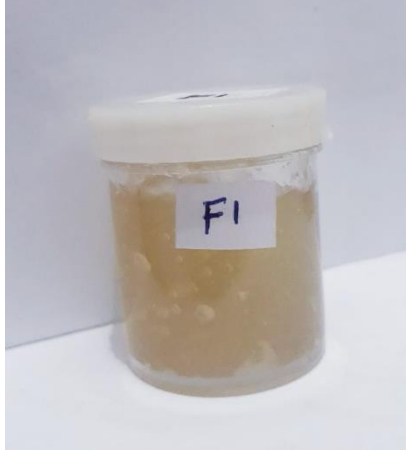
Alat Uji Daya Lekat

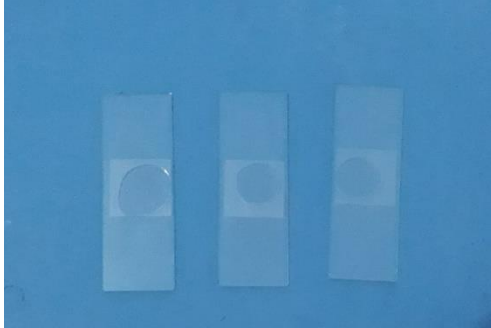


Alat Uji pH



Alat Sentrifugasi

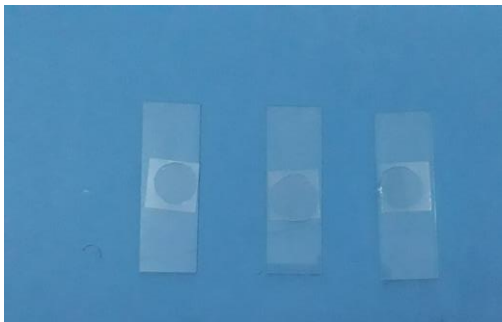
Lampiran 4. Sediaan gel lendir bekicot

Lampiran 5. Hasil pengujian Homogenitas Sediaan gel

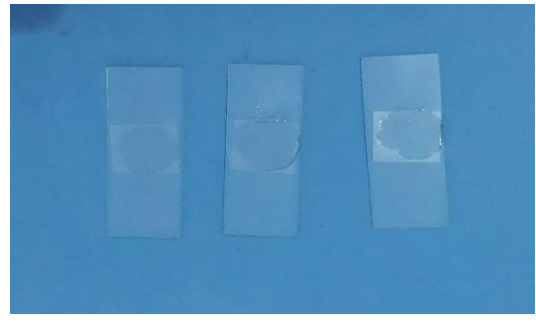
Basis



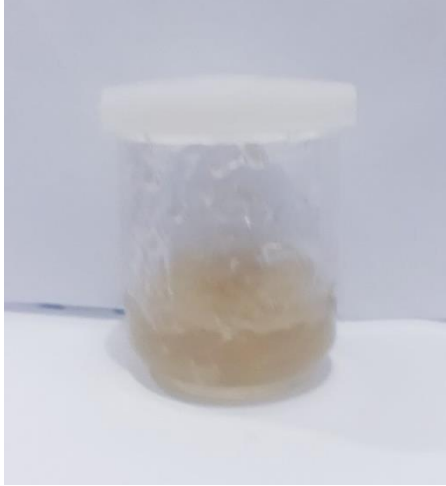
Formula 1



Formula 2



Formula 3

Lampiran 6. Hasil pengujian Cycling test

Formula 3



Formula 2



Formula 1



Basis

Lampiran 7. Hasil pengujian luka sayat



Sebelum dibuat luka sayat



Setelah dibuat luka sayat



Setelah diolesi sediaan gel

Lampiran 8. Hasil analisis SPSS uji pH sediaan gel.

Tests of Normality

	Formula	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
pH_hari1	Formula 1	.280	3	.	.938	3	.520
	Formula 2	.196	3	.	.996	3	.878
	Formula 3	.253	3	.	.964	3	.637
	Kontrol negatif	.219	3	.	.987	3	.780
pH_hari2 1	Formula 1	.227	3	.	.983	3	.747
	Formula 2	.204	3	.	.993	3	.843
	Formula 3	.253	3	.	.964	3	.637
	Kontrol negatif	.219	3	.	.987	3	.780

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
pH_hari1	2.653	3	8	.120
pH_hari2 1	1.158	3	8	.384

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
pH_hari1	Between Groups	1.799	3	.600	196.120	.000
	Within Groups	.024	8	.003		
	Total	1.824	11			
pH_hari2 1	Between Groups	1.880	3	.627	353.139	.000
	Within Groups	.014	8	.002		
	Total	1.895	11			

pH_hari1Tukey HSD^a

Formula	N	Subset for alpha = 0.05		
		1	2	3
Kontrol negative	3	5.4767		
Formula 3	3		6.2067	
Formula 2	3		6.3467	6.3467
Formula 1	3			6.4767
Sig.		1.000	.058	.079

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

pH_hari21Tukey HSD^a

Formula	N	Subset for alpha = 0.05			
		1	2	3	4
Kontrol negatif	3	5.3767			
Formula 3	3		6.1067		
Formula 2	3			6.2533	
Formula 1	3				6.4100
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
pH_hari1	Equal variances assumed	2.042	.226	2.180	4	.095	.13000	.05963	-.03556	.29556
	Equal variances not assumed			2.180	2.893	.121	.13000	.05963	-.06381	.32381
pH_hari2 1	Equal variances assumed	1.081	.357	3.648	4	.022	.15667	.04295	.03743	.27591
	Equal variances not assumed			3.648	3.060	.034	.15667	.04295	.02150	.29184

Lampiran 9. Hasil analisis SPSS uji daya sebar sediaan gel.

Tests of Normality

	Formula	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Dayasebar_hari1	Formula 1	.181	5	.200*	.963	5	.828
	Formula 2	.182	5	.200*	.950	5	.734
	Formula 3	.186	5	.200*	.963	5	.832
	Kontrol negatif	.164	5	.200*	.975	5	.908
Dayasebar_hari21	Formula 1	.159	5	.200*	.969	5	.870
	Formula 2	.184	5	.200*	.961	5	.813
	Formula 3	.171	5	.200*	.967	5	.859
	Kontrol negatif	.133	5	.200*	.990	5	.979

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Dayasebar_hari1	.171	3	16	.915
Dayasebar_hari21	.413	3	16	.746

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Dayasebar_hari1	Between Groups	.840	3	.280	.872	.476
	Within Groups	5.139	16	.321		
	Total	5.979	19			
Dayasebar_hari21	Between Groups	.924	3	.308	1.441	.268
	Within Groups	3.418	16	.214		
	Total	4.342	19			

Dayasebar_hari1Tukey HSD^a

Formula	N	Subset for alpha = 0.05
		1
Kontrol negatif	5	3.7540
Formula 3	5	3.8200
Formula 1	5	4.1620
Formula 2	5	4.2220
Sig.		.573

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Dayasebar_hari21Tukey HSD^a

Formula	N	Subset for alpha = 0.05
		1
Formula 3	5	3.0720
Formula 2	5	3.5260
Kontrol negatif	5	3.5480
Formula 1	5	3.6140
Sig.		.286

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Dayasebar_hari1	Equal variances assumed	.156	.703	-.175	8	.865	-.06000	.34262	-.85008	.73008
	Equal variances not assumed			-.175	7.874	.865	-.06000	.34262	-.85228	.73228
Dayasebar_hari21	Equal variances assumed	.006	.939	.363	8	.726	.08800	.24214	-.47038	.64638
	Equal variances not assumed			.363	7.995	.726	.08800	.24214	-.47044	.64644

Lampiran 10. Hasil analisis SPSS uji daya lekat sediaan gel.

Tests of Normality

	Formula	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Dayalekat_hari1	Formula 1	.175	3	.	1.000	3	1.000
	Formula 2	.232	3	.	.980	3	.726
	Formula 3	.175	3	.	1.000	3	1.000
	Kontrol negatif	.196	3	.	.996	3	.878
Dayalekat_hari2 1	Formula 1	.232	3	.	.980	3	.726
	Formula 2	.175	3	.	1.000	3	1.000
	Formula 3	.276	3	.	.942	3	.537
	Kontrol negatif	.253	3	.	.964	3	.637

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Dayalekat_hari 1	.512	3	8	.685
Dayalekat_hari 21	2.121	3	8	.176

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Dayalekat_hari1	Between Groups	.082	3	.027	16.668	.001
	Within Groups	.013	8	.002		
	Total	.095	11			
Dayalekat_hari2 1	Between Groups	.050	3	.017	20.609	.000
	Within Groups	.007	8	.001		
	Total	.057	11			

Dayalekat_hari1Tukey HSD^a

Formula	N	Subset for alpha = 0.05		
		1	2	3
Formula 1	3	.8000		
Formula 2	3	.8933	.8933	
Kontrol negatif	3		.9967	.9967
Formula 3	3			1.0000
Sig.		.086	.056	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Dayalekat_hari21Tukey HSD^a

Formula	N	Subset for alpha = 0.05	
		1	2
Formula 1	3	.9433	
Formula 2	3	.9900	
Kontrol negatif	3		1.0667
Formula 3	3		1.1100
Sig.		.264	.317

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Dayalekat_hari1	Equal variances assumed	.049	.836	-2.514	4	.066	-.09333	.03712	-.19639	.00972
	Equal variances not assumed			-2.514	3.832	.068	-.09333	.03712	-.19820	.01154
Dayalekat_hari21	Equal variances assumed	3.571	.132	-1.941	4	.124	-.04667	.02404	-.11340	.02007
	Equal variances not assumed			-1.941	2.244	.178	-.04667	.02404	-.14003	.04669

Lampiran 11. Hasil analisis SPSS uji viskositas sediaan gel

Tests of Normality

	Formula	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Visko_hari1	Formula 1	.253	3	.	.964	3	.637
	Formula 2	.276	3	.	.942	3	.537
	Formula 3	.253	3	.	.964	3	.637
	Kontrol negatif	.175	3	.	1.000	3	1.000
Visko_hari2 1	Formula 1	.219	3	.	.987	3	.780
	Formula 2	.292	3	.	.923	3	.463
	Formula 3	.253	3	.	.964	3	.637
	Kontrol negatif	.314	3	.	.893	3	.363

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Visko_hari1	2.544	3	8	.129
Visko_hari2 1	.458	3	8	.719

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Visko_hari1	Between Groups	65891.667	3	21963.889	47.065	.000
	Within Groups	3733.333	8	466.667		
	Total	69625.000	11			
Visko_hari2 1	Between Groups	44600.000	3	14866.667	29.733	.000
	Within Groups	4000.000	8	500.000		
	Total	48600.000	11			

Visko_hari1Tukey HSD^a

Formula	N	Subset for alpha = 0.05		
		1	2	3
Formula 1	3	216.6667		
Formula 2	3		290.0000	
Formula 3	3			383.3333
Kontrol negative	3			400.0000
Sig.		1.000	1.000	.783

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Visko_hari21Tukey HSD^a

Formula	N	Subset for alpha = 0.05	
		1	2
Formula 1	3	276.6667	
Formula 2	3	326.6667	
Formula 3	3		416.6667
Kontrol negatif	3		420.0000
Sig.		.096	.998

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Visko_hari1	Equal variances assumed	2.579	.184	-3.244	4	.032	-73.33333	22.60777	-136.10256	-10.56411
	Equal variances not assumed			-3.244	2.696	.055	-73.33333	22.60777	-150.10444	3.43778
Visko_hari21	Equal variances assumed	.065	.812	-2.652	4	.057	-50.00000	18.85618	-102.35315	2.35315
	Equal variances not assumed			-2.652	3.864	.059	-50.00000	18.85618	-103.08707	3.08707

Lampiran 12. Hasil analisis SPSS uji stabilitas pH sediaan gel.

Tests of Normality							
	Formula	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
pH_hari1	Formula 1	.280	3	.	.938	3	.520
	Formula 2	.196	3	.	.996	3	.878
	Formula 3	.253	3	.	.964	3	.637
	Kontrol negatif	.219	3	.	.987	3	.780
pH_hari1 2	Formula 1	.314	3	.	.893	3	.363
	Formula 2	.385	3	.	.750	3	.000
	Formula 3	.314	3	.	.893	3	.363
	Kontrol negatif	.276	3	.	.942	3	.537

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
pH_hari1	2.653	3	8	.120
pH_hari1 2	2.123	3	8	.176

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
pH_hari1	Between Groups	1.799	3	.600	196.120	.000
	Within Groups	.024	8	.003		
	Total	1.824	11			
pH_hari1 2	Between Groups	1.814	3	.605	215.338	.000
	Within Groups	.022	8	.003		
	Total	1.837	11			

pH_hari1Tukey HSD^a

Formula	N	Subset for alpha = 0.05		
		1	2	3
Kontrol negative	3	5.4767		
Formula 3	3		6.2067	
Formula 2	3		6.3467	6.3467
Formula 1	3			6.4767
Sig.		1.000	.058	.079

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

pH_hari12Tukey HSD^a

Formula	N	Subset for alpha = 0.05		
		1	2	3
Kontrol negatif	3	5.4100		
Formula 3	3		6.1600	
Formula 2	3		6.2833	6.2833
Formula 1	3			6.4100
Sig.		1.000	.082	.074

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
pH_1	Equal variances assumed	2.042	.226	2.180	4	.095	.13000	.05963	-.03556	.29556
	Equal variances not assumed			2.180	2.893	.121	.13000	.05963	-.06381	.32381
pH_12	Equal variances assumed	4.313	.106	2.598	4	.060	.12667	.04876	-.00872	.26205
	Equal variances not assumed			2.598	2.520	.096	.12667	.04876	-.04666	.29999

Lampiran 13. Hasil analisis SPSS uji stabilitas daya sebar sediaan gel.

Tests of Normality

	Formula	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Dayasebar_hari1	Formula 1	.181	5	.200*	.963	5	.828
	Formula 2	.182	5	.200*	.950	5	.734
	Formula 3	.186	5	.200*	.963	5	.832
	Kontrol negatif	.164	5	.200*	.975	5	.908
Dayasebar_hari2	Formula 1	.164	5	.200*	.972	5	.890
	Formula 2	.200	5	.200*	.921	5	.538
	Formula 3	.165	5	.200*	.975	5	.908
	Kontrol negatif	.125	5	.200*	.993	5	.990

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Dayasebar_hari1	.171	3	16	.915
Dayasebar_hari2	.127	3	16	.943

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Dayasebar_hari1	Between Groups	.840	3	.280	1.049	.398
	Within Groups	5.139	16	.321		
	Total	5.979	19			
Dayasebar_hari2	Between Groups	.877	3	.292	1.049	.398
	Within Groups	4.459	16	.279		
	Total	5.337	19			

Dayasebar_hari1Tukey HSD^a

Formula	N	Subset for alpha = 0.05
		1
Kontrol negatif	5	3.7540
Formula 3	5	3.8200
Formula 1	5	4.1620
Formula 2	5	4.2220
Sig.		.573

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Dayasebar_hari12Tukey HSD^a

Formula	N	Subset for alpha = 0.05
		1
Formula 3	5	3.4580
Kontrol negatif	5	3.6020
Formula 1	5	3.9120
Formula 2	5	3.9580
Sig.		.462

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Dayasebar_hari1	Equal variances assumed	.156	.703	-.175	8	.865	-.06000	.34262	-.85008	.73008
	Equal variances not assumed			-.175	7.874	.865	-.06000	.34262	-.85228	.73228
Dayasebar_hari12	Equal variances assumed	.130	.728	-.145	8	.888	-.04600	.31660	-.77609	.68409
	Equal variances not assumed			-.145	7.922	.888	-.04600	.31660	-.77734	.68534

Lampiran 14. Hasil analisis SPSS uji stabilitas daya lekat sediaan gel.

Tests of Normality

	Formula	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Dayalekat_hari1	Formula 1	.175	3	.	1.000	3	1.000
	Formula 2	.232	3	.	.980	3	.726
	Formula 3	.175	3	.	1.000	3	1.000
	Kontrol negatif	.196	3	.	.996	3	.878
Dayalekat_hari12	Formula 1	.175	3	.	1.000	3	1.000
	Formula 2	.175	3	.	1.000	3	1.000
	Formula 3	.219	3	.	.987	3	.780
	Kontrol negatif	.175	3	.	1.000	3	1.000

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Dayalekat_hari1	.512	3	8	.685
Dayalekat_hari12	1.084	3	8	.410

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Dayalekat_hari1	Between Groups	.082	3	.027	16.668	.001
	Within Groups	.013	8	.002		
	Total	.095	11			
Dayalekat_hari12	Between Groups	.062	3	.021	20.073	.000
	Within Groups	.008	8	.001		
	Total	.070	11			

Dayalekat_hari1Tukey HSD^a

Formula	N	Subset for alpha = 0.05		
		1	2	3
Formula 1	3	.8000		
Formula 2	3	.8933	.8933	
Kontrol negatif	3		.9967	.9967
Formula 3	3			1.0000
Sig.		.086	.056	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Dayalekat_hari12Tukey HSD^a

Formula	N	Subset for alpha = 0.05	
		1	2
Formula 1	3	.9000	
Formula 2	3	.9500	
Kontrol negatif	3		1.0500
Formula 3	3		1.0767
Sig.		.298	.745

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Dayalekat_hari1	Equal variances assumed	.049	.836	-2.514	4	.066	-.09333	.03712	-.19639	.00972
	Equal variances not assumed			-2.514	3.832	.068	-.09333	.03712	-.19820	.01154
Dayalekat_hari2	Equal variances assumed	2.462	.192	-1.698	4	.165	-.05000	.02944	-.13174	.03174
	Equal variances not assumed			-1.698	2.160	.222	-.05000	.02944	-.16810	.06810

Lampiran 15. Hasil analisis uji stabilitas viskositas sediaan gel.

Tests of Normality

	Formula	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Visko_hari1	Formula 1	.253	3	.	.964	3	.637
	Formula 2	.276	3	.	.942	3	.537
	Formula 3	.253	3	.	.964	3	.637
	Kontrol negatif	.175	3	.	1.000	3	1.000
Visko_hari1 2	Formula 1	.253	3	.	.964	3	.637
	Formula 2	.253	3	.	.964	3	.637
	Formula 3	.385	3	.	.750	3	.000
	Kontrol negatif	.253	3	.	.964	3	.637

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Visko_hari1	2.544	3	8	.129
Visko_hari1 2	2.228	3	8	.162

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Visko_hari1	Between Groups	65891.667	3	21963.889	47.065	.000
	Within Groups	3733.333	8	466.667		
	Total	69625.000	11			
Visko_hari1 2	Between Groups	52958.333	3	17652.778	49.264	.000
	Within Groups	2866.667	8	358.333		
	Total	55825.000	11			

Visko_hari1Tukey HSD^a

Formula	N	Subset for alpha = 0.05		
		1	2	3
Formula 1	3	216.6667		
Formula 2	3		290.0000	
Formula 3	3			383.3333
Kontrol negative	3			400.0000
Sig.		1.000	1.000	.783

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Visko_hari12Tukey HSD^a

Formula	N	Subset for alpha = 0.05		
		1	2	3
Formula 1	3	253.3333		
Formula 2	3		316.6667	
Formula 3	3			406.6667
Kontrol negatif	3			413.3333
Sig.		1.000	1.000	.971

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Visko_hari1	Equal variances assumed	2.579	.184	-3.244	4	.032	-73.33333	22.60777	-136.10256	-10.56411
	Equal variances not assumed			-3.244	2.696	.055	-73.33333	22.60777	-150.10444	3.43778
Visko_hari2	Equal variances assumed	1.538	.283	-3.212	4	.033	-63.33333	19.72027	-118.08557	-8.58110
	Equal variances not assumed			-3.212	2.941	.050	-63.33333	19.72027	-126.80811	.14144

Lampiran 16. Hasil analisis SPSS uji aktivitas penyembuhan luka sayat pada punggung kelinci.

Tests of Normality							
	Formula	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Sembuh	Formula 1	.473	5	.001	.552	5	.000
	Formula 2	.367	5	.026	.684	5	.006
	Formula 3	.241	5	.200 [*]	.821	5	.119
	kontrol negatif	.473	5	.001	.552	5	.000
	bioplacenton	.473	5	.001	.552	5	.000

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

a. Lilliefors Significance Correction

Kruskal-Wallis Test

Ranks			
	Formula	N	Mean Rank
Sembuh	Formula 1	5	3.00
	Formula 2	5	8.00
	Total	10	

Test Statistics ^{a,b}	
	Sembuh
Chi-Square	7.500
df	1
Asymp. Sig.	.006

a. Kruskal Wallis Test

b. Grouping Variable:

Formula

SembuhTukey HSD^a

Formula	N	Subset for alpha = 0.05			
		1	2	3	4
bioplacenton	5	7.2000			
Formula 1	5	7.8000			
Formula 2	5		9.6000		
Formula 3	5			11.0000	
kontrol negatif	5				13.8000
Sig.		.551	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 17. Hasil Pengukuran panjang luka sayat sediaan gel lendir bekicot

Sampel	Waktu pengukuran	Panjang luka (cm)					Rata - rata ± SD
		Replikasi 1	Replikasi 2	Replikasi 3	Replikasi 4	Replikasi 5	
Bioplacenton (k+)	0 hari	2	2	2	2	2	2,00 ± 0,00
	1 hari	2	2	2	2	2	2,00 ± 0,00
	2 hari	1,6	1,6	1,6	1,6	1,6	1,60 ± 0,00
	3 hari	1,6	1,5	1,5	1,6	1,6	1,56 ± 0,05
	4 hari	1,3	1,2	1,2	1,3	1,3	1,26 ± 0,05
	5 hari	0,8	0,8	0,6	0,6	0,8	0,72 ± 0,11
	6 hari	0,3	0,4	0,3	0,2	0,2	0,28 ± 0,08
	7 hari	0	0,1	0	0	0	0,02 ± 0,04
	8 hari	0	0	0	0	0	0,00 ± 0,00
	9 hari	0	0	0	0	0	0,00 ± 0,00
	10 hari	0	0	0	0	0	0,00 ± 0,00
	11 hari	0	0	0	0	0	0,00 ± 0,00
	12 hari	0	0	0	0	0	0,00 ± 0,00
	13 hari	0	0	0	0	0	0,00 ± 0,00
	14 hari	0	0	0	0	0	0,00 ± 0,00
Gel tanpa zat aktif (k-)	0 hari	2	2	2	2	2	2,00 ± 0,00
	1 hari	2	2	2	2	2	2,00 ± 0,00
	2 hari	2	2	2	2	2	2,00 ± 0,00
	3 hari	2	2	2	2	2	2,00 ± 0,00
	4 hari	1,8	1,8	1,8	1,9	1,9	1,84 ± 0,05
	5 hari	1,8	1,8	1,8	1,9	1,9	1,84 ± 0,05
	6 hari	1,6	1,6	1,5	1,6	1,7	1,60 ± 0,07
	7 hari	1,6	1,6	1,5	1,5	1,6	1,56 ± 0,05
	8 hari	1,3	1,4	1,3	1,3	1,3	1,32 ± 0,04
	9 hari	1,1	1,2	1,1	1,1	1,1	1,12 ± 0,04
	10 hari	0,9	1	0,9	0,9	0,9	0,92 ± 0,04
	11 hari	0,6	0,7	0,7	0,6	0,7	0,66 ± 0,05
	12 hari	0,4	0,4	0,4	0,3	0,3	0,36 ± 0,05
	13 hari	0,1	0,2	0	0,1	0,1	0,10 ± 0,07
	14 hari	0	0	0	0	0	0,00 ± 0,00
	0 hari	2	2	2	2	2	2,00 ± 0,00
	1 hari	2	2	2	2	2	2,00 ± 0,00
	2 hari	1,7	1,8	1,8	1,7	1,7	1,74 ± 0,05
	3 hari	1,5	1,6	1,5	1,5	1,5	1,52 ± 0,04
	4 hari	1,3	1,3	1,3	1,2	1,2	1,26 ± 0,05
	5 hari	0,8	0,8	0,9	0,7	0,8	0,80 ± 0,07

Sampel	Waktu pengukuran	Panjang luka (cm)					Rata - rata ± SD
		Replikasi 1	Replikasi 2	Replikasi 3	Replikasi 4	Replikasi 5	
Formula 1	6 hari	0,4	0,4	0,5	0,3	0,4	0,40 ± 0,07
	7 hari	0,1	0,1	0,2	0	0,1	0,10 ± 0,07
	8 hari	0	0	0	0	0	0,00 ± 0,00
	9 hari	0	0	0	0	0	0,00 ± 0,00
	10 hari	0	0	0	0	0	0,00 ± 0,00
	11 hari	0	0	0	0	0	0,00 ± 0,00
	12 hari	0	0	0	0	0	0,00 ± 0,00
	13 hari	0	0	0	0	0	0,00 ± 0,00
	14 hari	0	0	0	0	0	0,00 ± 0,00
Formula 2	0 hari	2	2	2	2	2	2,00 ± 0,00
	1 hari	2	2	2	2	2	2,00 ± 0,00
	2 hari	2	1,8	1,8	1,7	2	1,86 ± 0,13
	3 hari	1,8	1,6	1,6	1,6	1,8	1,68 ± 0,11
	4 hari	1,5	1,4	1,4	1,4	1,5	1,44 ± 0,05
	5 hari	1,2	1,1	1,2	1,1	1,2	1,16 ± 0,05
	6 hari	0,8	0,8	0,9	0,9	0,8	0,84 ± 0,05
	7 hari	0,4	0,4	0,4	0,4	0,4	0,40 ± 0,00
	8 hari	0,2	0,2	0,1	0,2	0,2	0,18 ± 0,04
	9 hari	0,1	0	0	0,1	0,1	0,06 ± 0,05
	10 hari	0	0	0	0	0	0,00 ± 0,00
	11 hari	0	0	0	0	0	0,00 ± 0,00
	12 hari	0	0	0	0	0	0,00 ± 0,00
	13 hari	0	0	0	0	0	0,00 ± 0,00
14 hari	0	0	0	0	0	0,00 ± 0,00	
Formula 3	0 hari	2	2	2	2	2	2,00 ± 0,00
	1 hari	2	2	2	2	2	2,00 ± 0,00
	2 hari	2	2	2	2	2	2,00 ± 0,00
	3 hari	2	1,8	2	1,8	1,8	1,88 ± 0,11
	4 hari	1,7	1,6	1,8	1,8	1,6	1,70 ± 0,10
	5 hari	1,5	1,4	1,5	1,5	1,4	1,46 ± 0,05
	6 hari	1,2	1,2	1,3	1,2	1,3	1,24 ± 0,05
	7 hari	0,8	0,8	0,9	0,8	0,9	0,84 ± 0,05
	8 hari	0,4	0,4	0,5	0,4	0,4	0,42 ± 0,04
	9 hari	0,2	0,2	0,3	0,2	0,2	0,22 ± 0,04
	10 hari	0,1	0	0,1	0,2	0	0,08 ± 0,08
	11 hari	0	0	0,1	0,1	0	0,04 ± 0,05
	12 hari	0	0	0	0	0	0,00 ± 0,00
13 hari	0	0	0	0	0	0,00 ± 0,00	

Sampel	Waktu pengukuran	Panjang luka (cm)					Rata - rata ± SD
		Replikasi 1	Replikasi 2	Replikasi 3	Replikasi 4	Replikasi 5	
	14 hari	0	0	0	0	0	0,00 ± 0,00

Lampiran 18. Surat Keterangan Eticle Clearance

2/17/2021

KEPK-RSDM



HEALTH RESEARCH ETHICS COMMITTEE
KOMISI ETIK PENELITIAN KESEHATAN

Dr. Moewardi General Hospital
RSUD Dr. Moewardi

ETHICAL CLEARANCE
KELAIKAN ETIK

Nomor : 77 / II / HREC / 2021

The Health Research Ethics Committee Dr. Moewardi
Komisi Etik Penelitian Kesehatan RSUD Dr. Moewardi

after reviewing the proposal design, herewith to certify
setelah menilai rancangan penelitian yang diusulkan, dengan ini menyatakan

That the research proposal with topic :
Bahwa usulan penelitian dengan judul

Formulasi Sediaan Gel Lendir Bekicot (*Achatina fulica*) terhadap Luka Sayat (*Vulnus scissum*) pada Punggung Kelinci New Zealand

Principal investigator
Peneliti Utama : Nanda Sawiya Audyna
23175297A

Location of research
Lokasi Tempat Penelitian : Universitas Setia Budi Surakarta

Is ethically approved
Dinyatakan layak etik

Issued on : 17 Februari 2021

Chairman
Ketua

Dr. Wahyu Dwi Almoko., Sp.F.
19770224 201001 1 004



<http://komisi-etika.rsmoewardi.com/kenk/ethicalclearance/23175297A-0114>

1/1