

LAMPIRAN A
PERHITUNGAN HARGA RF PADA PEMERIKSAAN SECARA KLT

Fase gerak	Kode	Noda	Rf
Etil asetat : etanol (1:1)	X	Asetosal	$\frac{5,9}{8} = 0,74$
	Y	Asam 4-fluorobenzoil salisilat	$\frac{5,6}{8} = 0,83$
Etil asetat : aseton (7:3)	X	Asetosal	$\frac{5,3}{8} = 0,66$
	Y	Asam 4-fluorobenzoil salisilat	$\frac{7,5}{8} = 0,94$
Etil asetat : n- heksan (8:2)	X	Asetosal	$\frac{5,2}{8} = 0,65$
	Y	Asam 4-fluorobenzoil salisilat	$\frac{7}{8} = 0,87$

$$\text{Harga Rf} = \frac{\text{jarak yang ditempuh noda}}{\text{Jarak yang ditempuh eluen}}$$

LAMPIRAN B

PERHITUNGAN VOLUME PEMBERIAN SEDIAAN UJI ASAM 4-FLUOROBENZOIL SALISILAT, DAN ASETOSAL

$$\text{Volume pemberian tikus} = \frac{\text{dosis (mg)}}{\text{Konsentrasi sediaan uji}} \times \frac{\text{berat badan}}{1000\text{g}}$$

- Perhitungan volume pemberian asam 4-fluorobenzoil salisilat

Dosis 45 mg/KgBB

Untuk tikus dengan berat 200 gram

$$\text{Volume pemberian} = \frac{45}{90} \times \frac{200}{1000} = 0,1 \text{ ml}$$

- Perhitungan volume pemberian asetosal

Dosis 45 mg/KgBB

Untuk tikus dengan berat 200 gram

$$\text{Volume pemberian} = \frac{45}{90} \times \frac{200}{1000} = 0,1 \text{ ml}$$

LAMPIRAN C

PERHITUNGAN PERSENTASE RADANG RATA-RATA

1. PGA 3% jam ke-1 $\frac{40,85 - 25,75}{25,75} \times 100\% = 58,52$
2. PGA 3% jam ke-2 $\frac{45,84 - 25,75}{25,75} \times 100\% = 78,02$
3. PGA 3% jam ke-3 $\frac{48,98 - 25,75}{25,75} \times 100\% = 90,21$
4. PGA 3% jam ke-4 $\frac{49,61 - 25,75}{25,75} \times 100\% = 92,66$
5. Asam 4-fluorobenzoil salisilat jam ke-1
 $\frac{35,17 - 27}{27} \times 100\% = 30,26$
6. Asam 4-fluorobenzoil salisilat jam ke-2
 $\frac{36,42 - 27}{27} \times 100\% = 34,89$
7. Asam 4-fluorobenzoil salisilat jam ke-3
 $\frac{32,03 - 27}{27} \times 100\% = 18,63$
8. Asam 4-fluorobenzoil salisilat jam ke-4
 $\frac{28,89 - 27}{27} \times 100\% = 7,00$
9. Asetosal jam ke-1 $\frac{40,19 - 25,75}{25,75} \times 100\% = 56,08$
10. Asetosal jam ke-2 $\frac{38,31 - 25,75}{25,75} \times 100\% = 48,78$

11. Asetosal jam ke-3 $\frac{37,68 - 25,75}{25,75} \times 100\% = 46,33$

12. Asetosal jam ke-4 $\frac{33,91 - 25,75}{25,75} \times 100\% = 31,69$



LAMPIRAN D
PERHITUNGAN PERSENTASE INHIBISI RADANG

1. Asam 4-fluorobenzoil salisilat jam ke-1

$$\frac{58,52 - 30,26}{58,52} \times 100\% = 48,29$$

2. Asam 4-fluorobenzoil salisilat jam ke-2

$$\frac{78,02 - 34,89}{78,02} \times 100\% = 55,28$$

3. Asam 4-fluorobenzoil salisilat jam ke-3

$$\frac{90,21 - 18,63}{90,21} \times 100\% = 79,35$$

4. Asam 4-fluorobenzoil salisilat jam ke-4

$$\frac{92,66 - 7,00}{92,66} \times 100\% = 92,45$$

5. Asetosal jam ke-1 $\frac{58,52 - 56,08}{58,52} \times 100\% = 4,17$

6. Asetosal jam ke-2 $\frac{78,02 - 48,78}{78,02} \times 100\% = 37,48$

7. Asetosal jam ke-3 $\frac{90,21 - 46,33}{90,21} \times 100\% = 48,64$

8. Asetosal jam ke-4 $\frac{92,66 - 31,69}{92,66} \times 100\% = 65,80$

LAMPIRAN E
UJI STATISTIK ANAVA DAN LSD (DENGAN SPSS) VOLUME
EDEMA JAM KE-0

VT0

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	10	25.7480	3.56482	1.12729	23.1979	28.2981	18.84	31.40
S.uji	10	27.0040	3.03353	.95929	24.8339	29.1741	25.12	31.40
pemb	10	25.7480	3.56482	1.12729	23.1979	28.2981	18.84	31.40
Total	30	26.1667	3.33260	.60845	24.9223	27.4111	18.84	31.40

Test of Homogeneity of Variances

VT0

Levene Statistic	df1	df2	Sig.
.091	2	27	.913

ANOVA

VT0

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	10.517	2	5.258	.456	.639
Within Groups	311.563	27	11.539		
Total	322.080	29			

Multiple Comparisons

Dependent Variable: VT0

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	s.uji	-1.25600	1.51917	.416	-4.3731	1.8611
	pemb	.00000	1.51917	1.000	-3.1171	3.1171
s.uji	kontrol	1.25600	1.51917	.416	-1.8611	4.3731
	pemb	1.25600	1.51917	.416	-1.8611	4.3731
pemb	kontrol	.00000	1.51917	1.000	-3.1171	3.1171
	s.uji	-1.25600	1.51917	.416	-4.3731	1.8611

LAMPIRAN F
UJI STATISTIK ANOVA DAN LSD (DENGAN SPSS) VOLUME
EDEMA JAM KE-1

Descriptives

VT1

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	10	40.8200	5.33697	1.68770	37.0022	44.6378	31.40	50.24
s.uji	10	35.1680	6.06706	1.91857	30.8279	39.5081	25.12	43.96
pemb	10	40.1920	3.24298	1.02552	37.8721	42.5119	37.68	43.96
Total	30	38.7267	5.49049	1.00242	36.6765	40.7768	25.12	50.24

Test of Homogeneity of Variances

VT1

Levene Statistic	df1	df2	Sig.
1.958	2	27	.161

ANOVA

VT1

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	191.934	2	95.967	3.798	.035
Within Groups	682.284	27	25.270		
Total	874.218	29			

Multiple Comparisons

Dependent Variable: VT1

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	s.uji	5.65200*	2.24810	.018	1.0393	10.2647
	pemb	.62800	2.24810	.782	-3.9847	5.2407
s.uji	kontrol	-5.65200*	2.24810	.018	-10.2647	-1.0393
	pemb	-5.02400*	2.24810	.034	-9.6367	-.4113
pemb	kontrol	-.62800	2.24810	.782	-5.2407	3.9847
	s.uji	5.02400*	2.24810	.034	.4113	9.6367

*. The mean difference is significant at the .05 level.

LAMPIRAN G
UJI STATISTIK ANAVA DAN LSD (DENGAN SPSS) VOLUME
EDEMA JAM KE-2

Descriptives

VT2

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	10	45.8440	5.95773	1.88400	41.5821	50.1059	37.68	56.52
s.uji	10	36.4240	5.77092	1.82493	32.2957	40.5523	25.12	43.96
pemb	10	38.3080	4.63379	1.46533	34.9932	41.6228	31.40	43.96
Total	30	40.1920	6.71939	1.22679	37.6829	42.7011	25.12	56.52

Test of Homogeneity of Variances

VT2

Levene Statistic	df1	df2	Sig.
.209	2	27	.813

ANOVA

VT2

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	496.924	2	248.462	8.257	.002
Within Groups	812.431	27	30.090		
Total	1309.355	29			

Multiple Comparisons

Dependent Variable: VT2

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	s.uji	9.42000*	2.45316	.001	4.3865	14.4535
	pemb	7.53600*	2.45316	.005	2.5025	12.5695
s.uji	kontrol	-9.42000*	2.45316	.001	-14.4535	-4.3865
	pemb	-1.88400	2.45316	.449	-6.9175	3.1495
pemb	kontrol	-7.53600*	2.45316	.005	-12.5695	-2.5025
	s.uji	1.88400	2.45316	.449	-3.1495	6.9175

*. The mean difference is significant at the .05 level.

LAMPIRAN H
UJI STATISTIK ANOVA DAN LSD (DENGAN SPSS) VOLUME
EDEMA JAM KE-3

Descriptives

VT3

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	10	48.9840	5.77092	1.82493	44.8557	53.1123	37.68	56.52
s.uji	10	32.0280	4.63379	1.46533	28.7132	35.3428	25.12	37.68
pemb	10	37.6800	5.92084	1.87233	33.4445	41.9155	31.40	50.24
Total	30	39.5640	8.90420	1.62568	36.2391	42.8889	25.12	56.52

Test of Homogeneity of Variances

VT3

Levene Statistic	df1	df2	Sig.
.142	2	27	.868

ANOVA

VT3

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1490.772	2	745.386	24.893	.000
Within Groups	808.487	27	29.944		
Total	2299.259	29			

Multiple Comparisons

Dependent Variable: VT3

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	s.uji	16.95600*	2.44720	.000	11.9348	21.9772
	pemb	11.30400*	2.44720	.000	6.2828	16.3252
s.uji	kontrol	-16.95600*	2.44720	.000	-21.9772	-11.9348
	pemb	-5.65200*	2.44720	.029	-10.6732	-6.308
pemb	kontrol	-11.30400*	2.44720	.000	-16.3252	-6.2828
	s.uji	5.65200*	2.44720	.029	.6308	10.6732

*. The mean difference is significant at the .05 level.

LAMPIRAN I
UJI STATISTIK ANAVA DAN LSD (DENGAN SPSS) VOLUME
EDEMA JAM KE-4

Descriptives

VT4

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	10	49.6120	4.63379	1.46533	46.2972	52.9268	43.96	56.52
s.uji	10	28.8880	4.39101	1.38856	25.7469	32.0291	25.12	37.68
pemb	10	33.9120	5.29576	1.67467	30.1236	37.7004	25.12	43.96
Total	30	37.4707	10.09706	1.84346	33.7004	41.2410	25.12	56.52

Test of Homogeneity of Variances

VT4

Levene Statistic	df1	df2	Sig.
.292	2	27	.749

ANOVA

VT4

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2337.383	2	1168.691	50.962	.000
Within Groups	619.183	27	22.933		
Total	2956.565	29			

Multiple Comparisons

Dependent Variable: VT4

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	s.uji	20.72400 [*]	2.14162	.000	16.3298	25.1182
	pemb	15.70000 [*]	2.14162	.000	11.3058	20.0942
s.uji	kontrol	-20.72400 [*]	2.14162	.000	-25.1182	-16.3298
	pemb	-5.02400 [*]	2.14162	.027	-9.4182	-6.298
pemb	kontrol	-15.70000 [*]	2.14162	.000	-20.0942	-11.3058
	s.uji	5.02400 [*]	2.14162	.027	.6298	9.4182

*. The mean difference is significant at the .05 level.

LAMPIRAN J
UJI STATISTIK ANAVA DAN LSD (DENGAN SPSS) JUMLAH
LEUKOSIT JAM KE-0

Descriptives

LTO

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	10	17020.00	2210.9826	699.17412	15438.3584	18601.6416	13800.00	20100.00
s.uji	10	17780.00	3821.5180	1208.470	15046.250	20513.749	13500.00	23900.00
pemb	10	15630.00	1744.8654	551.7749	14381.798	16878.201	13000.00	18500.00
Total	30	16810.00	2795.3594	510.3604	15766.195	17853.804	13000.00	23900.00

Test of Homogeneity of Variances

LTO

Levene Statistic	df1	df2	Sig.
7.728	2	27	.002

ANOVA

LTO

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	23774000	2	11887000.00	1.582	.224
Within Groups	2E+008	27	7512333.333		
Total	2E+008	29			

Multiple Comparisons

Dependent Variable: LTO

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	s.uji	-760.00000	1225.751	.540	-3275.0343	1755.0343
	pemb	1390.00000	1225.751	.267	-1125.0343	3905.0343
s.uji	kontrol	760.00000	1225.751	.540	-1755.0343	3275.0343
	pemb	2150.00000	1225.751	.091	-365.0343	4665.0343
pemb	kontrol	-1390.00000	1225.751	.267	-3905.0343	1125.0343
	s.uji	-2150.00000	1225.751	.091	-4665.0343	365.0343

LAMPIRAN K
UJI STATISTIK ANOVA DAN LSD (DENGAN SPSS) JUMLAH
LEUKOSIT JAM KE-4

Descriptives

LT4

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	10	22020.00	4331.74330	1369.818	18921.257	25118.742	16000.00	28000.00
s.uji	10	26960.00	5883.34750	1860.478	22751.306	31168.693	20500.00	40300.00
pemb	10	22220.00	2877.0355	909.79851	20161.892	24278.107	19500.00	26800.00
Total	30	23733.33	4952.4172	904.18355	21884.070	25582.596	16000.00	40300.00

Test of Homogeneity of Variances

LT4

Levene Statistic	df1	df2	Sig.
1.248	2	27	.303

ANOVA

LT4

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2E+008	2	78185333.33	3.804	.035
Within Groups	6E+008	27	20551703.70		
Total	7E+008	29			

Multiple Comparisons

Dependent Variable: LT4

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	s.uji	-4940.0000*	2027.398	.022	-9099.8761	-780.1239
	pemb	-200.00000	2027.398	.922	-4359.8761	3959.8761
s.uji	kontrol	4940.00000*	2027.398	.022	780.1239	9099.8761
	pemb	4740.00000*	2027.398	.027	580.1239	8899.8761
pemb	kontrol	200.00000	2027.398	.922	-3959.8761	4359.8761
	s.uji	-4740.0000*	2027.398	.027	-8899.8761	-580.1239

*. The mean difference is significant at the .05 level.

LAMPIRAN L
UJI STATISTIK ANAVA DAN LSD (DENGAN SPSS) JUMLAH
LEUKOSIT JAM KE-6

Descriptives

LT6

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	10	23420.00	3132.90777	990.71243	21178.8528	25661.1472	17800.00	27800.00
s.uji	10	20900.00	5256.74170	1662.328	17139.553	24660.446	15100.00	31500.00
pemb	10	18340.00	2408.41119	761.60649	16617.1264	20062.8736	14000.00	22000.00
Total	30	20886.67	4227.47444	771.82771	19308.1016	22465.2316	14000.00	31500.00

Test of Homogeneity of Variances

LT6

Levene Statistic	df1	df2	Sig.
2.764	2	27	.081

ANOVA

LT6

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1E+008	2	64517333.33	4.475	.021
Within Groups	4E+008	27	14416296.30		
Total	5E+008	29			

Multiple Comparisons

Dependent Variable: LT6

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	s.uji	2520.00000	1698.016	.149	-964.0416	6004.0416
	pemb	5080.00000	1698.016	.006	1595.9584	8564.0416
s.uji	kontrol	-2520.00000	1698.016	.149	-6004.0416	964.0416
	pemb	2560.00000	1698.016	.143	-924.0416	6044.0416
pemb	kontrol	-5080.00000	1698.016	.006	-8564.0416	-1595.9584
	s.uji	-2560.00000	1698.016	.143	-6044.0416	924.0416

*. The mean difference is significant at the .05 level.

LAMPIRAN M

UJI STATISTIK ANAVA DAN LSD (DENGAN SPSS) JUMLAH LEUKOSIT JAM KE-8

Descriptives

LT8

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	10	19720.00	2921.87154	923.97691	17629.8190	21810.1810	14100.00	23600.00
s uji	10	18960.00	3663.69571	1158.562	16339.1495	21580.8505	14100.00	24700.00
pemb	10	16830.00	1697.08901	536.66667	15615.9751	18044.0249	13800.00	19100.00
Total	30	18503.33	3042.51293	555.48432	17367.2403	19639.4263	13800.00	24700.00

Test of Homogeneity of Variances

LT8

Levene Statistic	df1	df2	Sig.
3.469	2	27	.046

ANOVA

LT8

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	44888667	2	22444333.33	2.711	.085
Within Groups	2E+008	27	8280037.037		
Total	3E+008	29			

Multiple Comparisons

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	s uji	760.00000	1286.860	.560	-1880.4176	3400.4176
	pemb	2890.00000	1286.860	.033	249.5824	5530.4176
s uji	kontrol	-760.00000	1286.860	.560	-3400.4176	1880.4176
	pemb	2130.00000	1286.860	.109	-510.4176	4770.4176
pemb	kontrol	-2890.00000	1286.860	.033	-5530.4176	-249.5824
	s uji	-2130.00000	1286.860	.109	-4770.4176	510.4176

*. The mean difference is significant at the .05 level.