

LAMPIRAN

Lampiran 1

Hasil Penelitian

Data hasil percobaan dapat dilihat pada Tabel di bawah ini:

Data Perlakuan Pada Fraksi I

	1			2			3		
	Hidup	Mati	Persen(%)	Hidup	Mati	Persen(%)	Hidup	Mati	Persen(%)
K(-)	36500	-	0.00	37000	-	0.00	36000	-	0.00
4 µl	5000	31500	86.30137	5000	32000	86.48649	5000	31000	86.11111
2 µl	7500	29000	79.45205	8000	29000	78.37838	8000	28000	77.77778
1 µl	11500	25000	68.49315	11500	25500	68.91892	11500	24500	68.05556
0.5 µl	13500	23000	63.0137	13000	24000	64.86486	13500	22500	62.50000
0.25 µl	15500	21000	57.53425	16000	21000	56.75676	16000	20000	55.55556
0.125 µl	18000	18500	50.68493	18500	18500	50.00000	18500	17500	48.61111
0.0625 µl	21000	15500	42.46575	21500	15500	41.89189	21000	15000	41.66667
0.03125 µl	24500	12000	32.87671	25000	12000	32.43243	25000	11000	30.55556

Data Perlakuan Pada Fraksi II

	1			2			3		
	Hidup	Mati	Persen(%)	Hidup	Mati	Persen(%)	Hidup	Mati	Persen(%)
K(-)	36500	-	0.00	37000	-	0.00	36000	-	0.00
4 µl	0	36500	100	0	37000	100	0	36000	100
2 µl	0	36500	100	0	37000	100	0	36000	100
1 µl	0	36500	100	0	37000	100	0	36000	100
0.5 µl	0	36500	100	0	37000	100	0	36000	100
0.25 µl	0	36500	100	0	37000	100	0	36000	100
0.125 µl	2500	34000	93.15068	3000	34000	91.89189	2500	33500	93.05556
0.0625 µl	8500	28000	76.71233	8500	28500	77.02703	9000	27000	75
0.03125 µl	11500	25000	68.49315	11500	25500	68.91892	12000	24000	66.66667
0.015625 µl	13500	23000	63.0137	13500	23500	63.51351	14000	22000	61.11111
0.007813 µl	18000	18500	50.68493	19000	18000	48.64865	19000	17000	47.22222

Data Perlakuan Pada Fraksi IV

	1			2			3		
	Hidup	Mati	Persen(%)	Hidup	Mati	Persen(%)	Hidup	Mati	Persen(%)
K(-)	36500			37000			36000		
4 µl	0	36500	100	0	37000	100	0	36000	100
2 µl	0	36500	100	0	37000	100	0	36000	100
1 µl	0	36500	100	0	37000	100	0	36000	100
0.5 µl	0	36500	100	0	37000	100	0	36000	100
0.25 µl	0	36500	100	0	37000	100	0	36000	100
0.125 µl	0	36500	100	0	37000	100	0	36000	100
0.0625 µl	4000	32500	89.0411	5000	32000	86.48649	5500	30500	84.72222
0.03125 µl	9000	27500	75.34247	9000	28000	75.67568	8500	27500	76.38889
0.015625 µl	11000	25500	69.86301	11500	25500	68.91892	11500	24500	68.05556
0.007813 µl	15000	21500	58.90411	15000	22000	59.45946	15500	20500	56.94444
0.003907 µl	18500	18000	49.31507	19000	18000	48.64865	18500	17500	48.61111

Data Perlakuan Pada Fraksi VI

	1			2			3		
	Hidup	Mati	Persen(%)	Hidup	Mati	Persen(%)	Hidup	Mati	Persen
K(-)	36500			37000			36000		
4 µl	14000	22500	61.64384	14000	23000	62.16216	13500	22500	62.5
2 µl	15500	21000	57.53425	15500	21500	58.10811	15500	20500	56.94444
1 µl	18000	18500	50.68493	18000	19000	51.35135	17500	18500	51.38889
0.5 µl	19500	17000	46.57534	19500	17500	47.2973	20000	16000	44.44444
0.25 µl	22000	14500	39.72603	22500	14500	39.18919	22500	13500	37.50000
0.125 µl	24500	12000	32.87671	24500	12500	33.78378	24500	11500	31.94444
0.0625 µl	27000	9500	26.0274	27500	9500	25.67568	27500	8500	23.61111

Data Perlakuan Pada Doxorubycin Sebagai Kontrol (+)

	1			2			3		
	Hidup	Mati	Persen(%)	Hidup	Mati	Persen(%)	Hidup	Mati	Persen(%)
K(-)	37500			36500			37000		
4 μ l	0	37500	100	0	36500	100	0	37000	100
2 μ l	0	37500	100	0	36500	100	0	37000	100
1 μ l	0	37500	100	0	36500	100	0	37000	100
0.5 μ l	0	37500	100	0	36500	100	0	37000	100
0.25 μ l	3500	34000	90.66667	3000	33500	91.78082	3000	34000	91.89189
0.125 μ l	4500	33000	88	4500	32000	87.67123	4500	32500	87.83784
0.0625 μ l	6500	31000	82.66667	6500	30000	82.19178	6500	30500	82.43243
0.03125 μ l	8500	29000	77.33333	8500	28000	76.71233	9500	27500	74.32432
0.015625 μ l	12500	25000	66.66667	12500	24000	65.75342	12500	24500	66.21622
0.007813 μ l	15500	22000	58.66667	15500	21000	57.53425	16000	21000	56.75676
0.003907 μ l	19000	18500	49.33333	18500	18000	49.31507	19000	18000	48.64865

Lampiran 2

Penghitungan Statistik SPSS 13 untuk Uji Sitotoksisitas Fraksi I Ekstrak Buah Merah

Oneway

Descriptives

Persentase Sel T47D yang Mati

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
Kontrol (-)	3	.000000	.0000000	.0000000	.0000000	.0000000	.00000	.00000	
4 u _	3	86.29966	.18769356	.1083649	85.8333992	86.7659125	86.11111	86.48649	
2 u	3	78.53607	.84820454	.4897111	76.4290134	80.6431272	77.77778	79.45205	
1 u _	3	68.48921	.43169518	.2492393	67.4168181	69.5615987	68.05556	68.91892	
0.5 u	3	63.45952	1.24387087	.7181492	60.3695746	66.5494677	62.50000	64.86486	
0.25 ug	3	56.61552	.99687787	.5755477	54.1391377	59.0919015	55.55556	57.53425	
0.125 u	3	49.76535	1.05663574	.6100489	47.1405188	52.3901762	48.61111	50.68493	
0.0625	3	42.00810	.41202409	.2378822	40.9845794	43.0316286	41.66667	42.46575	
0.03125 ug	3	31.95490	1.23205926	.7113297	28.8942952	35.0155050	30.55556	32.87671	
Total	27	53.01426	25.21610539	4.852842	43.0390995	62.9894176	.00000	86.48649	
Model			.83574543	.1608393	52.6763478	53.3521693			
Fixed Effects									
Random Effects				8.745258	32.8476582	73.1808589			688.082959

Test of Homogeneity of Variances

Persentase Sel T47D yang Mati

Levene Statistic	df1	df2	Sig.
2.791	8	18	.034

ANOVA

Persentase Sel T47D yang Mati

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	16519.58	8	2064.947	2956.385	.000
Within Groups	12.572	18	.698		
Total	16532.15	26			

Post Hoc Tests

Homogeneous Subsets

Persentase Sel T47D yang Mati

Tukey B ^a		Subset for alpha = .05								
Dosis Fraksi I Buah Merah	N	1	2	3	4	5	6	7	8	9
Kontrol (-)	3	.0000000								
0.03125 µg	3		31.95490							
0.0625	3			42.00810						
0.125 µ	3				49.76535					
0.25 µ	3					56.61552				
0.5 µ	3						63.45952			
1 µ	3							68.48921		
2 µ	3								78.53607	
4 µ	3									86.29966

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 3

Penghitungan Statistik SPSS 13 untuk Uji Sitotoksitas Fraksi II Ekstrak Buah Merah

Oneway

Descriptives

Persentase Sel T47D yang Mati

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
Kontrol (-)	3	.0000000	.00000000	.0000000	.0000000	.0000000	.00000	.00000	
4 u	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
2 u	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
1 u	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
0.5 u	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
0.25 ug	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
0.125 ug	3	92.69938	.70091876	.4046756	90.9581987	94.4405562	91.89189	93.15068	
0.0625	3	76.24645	1.09086689	.6298123	73.5365884	78.9563155	75.00000	77.02703	
0.03125 ug	3	68.02625	1.19652014	.6908112	65.0539246	70.9985662	66.66667	68.91892	
0.015625 ug	3	62.54611	1.26762189	.7318618	59.3971604	65.6950551	61.11111	63.51351	
0.007813 ug	3	48.85193	1.74028235	1.004752	44.5288331	53.1750351	47.22222	50.68493	
Total	33	77.12456	30.47712786	5.305387	66.3178364	87.9312757	.00000	100.0000	
Model			.83928465	.1461007	76.8215617	77.4275504			
Fixed Effects									
Random Effects				9.488090	55.9837732	98.2653389			990.027652

Test of Homogeneity of Variances

Persentase Sel T47D yang Mati

Levene Statistic	df1	df2	Sig.
5.542	10	22	.000

ANOVA

Persentase Sel T47D yang Mati

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	29707.87	10	2970.787	4217.480	.000
Within Groups	15.497	22	.704		
Total	29723.37	32			

Post Hoc Tests

Homogeneous Subsets

Persentase Sel T47D yang Mati

Tukey B ^a		Subset for alpha = .05						
Dosis Fraksi Il Buah Merah	N	1	2	3	4	5	6	7
Kontrol (-)	3	.0000000						
0.007813	3		48.85193					
0.015625	3			62.54611				
0.03125	3				68.02625			
0.0625	3					76.24645		
0.125	3						92.69938	
4	3							100.0000
2	3							100.0000
1	3							100.0000
0.5	3							100.0000
0.25	3							100.0000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 4

Penghitungan Statistik SPSS 13 untuk Uji Sitotoksitas Fraksi IV Ekstrak Buah Merah

Oneway

Descriptives

Persentase Sel T47D yang Mati									
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
Kontrol (-)	3	.0000000	.00000000	.0000000	.0000000	.0000000	.000000	.00000	
4	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
2	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
1	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
0.5	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
0.25	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
0.125	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
0.0625	3	86.74993	2.17145602	1.253691	81.3557391	92.1441306	84.72222	89.04110	
0.03125	3	75.80234	.53458759	.3086443	74.4743543	77.1303326	75.34247	76.38889	
0.015625	3	68.94583	.90402951	.5219417	66.7000956	71.1915632	68.05556	69.86301	
0.007813	3	58.43600	1.32123689	.7628165	55.1538701	61.7181389	56.94444	59.45946	
0.003907	3	48.85828	.39603882	.2286531	47.8744611	49.8420910	48.61111	49.31507	
Total	36	78.23270	29.83936488	4.973227	68.1365105	88.3288876	.00000	100.0000	
Model									
Fixed Effects			.80212157	.1336869	77.9567828	78.5086153			
Random Effects				8.868872	58.7124436	97.7529544			943.668194

Test of Homogeneity of Variances

Persentase Sel T47D yang Mati

Levene Statistic	df1	df2	Sig.
4.921	11	24	.001

ANOVA

Persentase Sel T47D yang Mati

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	31148.13	11	2831.648	4401.076	.000
Within Groups	15.442	24	.643		
Total	31163.57	35			

Post Hoc Tests

Homogeneous Subsets

Persentase Sel T47D yang Mati

Tukey B ^a		Subset for alpha = .05						
Dosis Fraksi IV Buah Merah	N	1	2	3	4	5	6	7
Kontrol (-)	3	.0000000						
0.003907 μ	3		48.85828					
0.007813 μ	3			58.43600				
0.015625 μ	3				68.94583			
0.03125 μ	3					75.80234		
0.0625	3						86.74993	
4	3							100.0000
2	3							100.0000
1	3							100.0000
0.5	3							100.0000
0.25 μ	3							100.0000
0.125 μ	3							100.0000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 5

Penghitungan Statistik SPSS 13 untuk Uji Sitotoksitas Fraksi VI Ekstrak Buah Merah

Oneway

Descriptives

Persentase Sel T47D yang Mati

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
Kontrol (-)	3	.0000000	.00000000	.0000000	.0000000	.0000000	.00000	.00000	
4 ug	3	62.10200	.43124128	.2489773	61.0307365	63.1732620	61.64384	62.50000	
2 ug	3	57.52893	.58185003	.3359313	56.0835374	58.9743286	56.94444	58.10811	
1 ug	3	51.14172	.39603882	.2286531	50.1579090	52.1255389	50.68493	51.38889	
0.5 ug	3	46.10569	1.48327985	.8563720	42.4210233	49.7903661	44.44444	47.29730	
0.25 ug	3	38.80507	1.16166213	.6706859	35.9193435	41.6908009	37.50000	39.72603	
0.125 ug	3	32.86831	.91969843	.5309881	30.5836560	35.1529711	31.94444	33.78378	
0.0625	3	25.10473	1.30541013	.7536789	21.8619095	28.3475466	23.61111	26.02740	
Total	24	39.20706	19.21557741	3.922363	31.0930314	47.3210848	.00000	62.50000	
Model			.92065765	.1879285	38.8086676	39.6054486			
Fixed Effects									
Random Effects				7.104208	22.4082754	56.0058408			403.475643

Test of Homogeneity of Variances

Persentase Sel T47D yang Mati

Levene Statistic	df1	df2	Sig.
2.925	7	16	.036

ANOVA

Persentase Sel T47D yang Mati

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	8478.922	7	1211.275	1429.046	.000
Within Groups	13.562	16	.848		
Total	8492.484	23			

Post Hoc Tests

Homogeneous Subsets

Persentase Sel T47D yang Mati

Tukey B ^a		Subset for alpha = .05							
Dosis Fraksi VI Buah Merah	N	1	2	3	4	5	6	7	8
Kontrol (-)	3	.0000000							
0.0625	3		25.10473						
0.125 _u	3			32.86831					
0.25 _u	3				38.80507				
0.5	3					46.10569			
1 _u	3						51.14172		
2 _u	3							57.52893	
4 _u	3								62.10200

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 6

Penghitungan Statistik SPSS 13 untuk Uji Sitotoksitas Doksorubisin Ekstrak Buah Merah

Oneway

Descriptives

Persentase Sel T47D yang Mati

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
Kontrol (-)	3	.000000	.0000000	.000000	.000000	.000000	.00000	.00000	
4	3	100.0000	.0000000	.000000	100.000000	100.000000	100.0000	100.0000	
2	3	100.0000	.0000000	.000000	100.000000	100.000000	100.0000	100.0000	
1	3	100.0000	.0000000	.000000	100.000000	100.000000	100.0000	100.0000	
0.5 u	3	100.0000	.0000000	.000000	100.000000	100.000000	100.0000	100.0000	
0.25 ug	3	91.44646	.67760058	.3912129	89.7632070	93.1297133	90.66667	91.89189	
0.125 u	3	87.83636	.16438856	.0949098	87.4279931	88.2447207	87.67123	88.00000	
0.0625	3	82.43029	.23745015	.1370919	81.8404344	83.0201522	82.19178	82.66667	
0.03125 ug	3	76.12333	1.58862347	.9171922	72.1769693	80.0696883	74.32432	77.33333	
0.015625 ug	3	66.21210	.45663490	.2636383	65.0777585	67.3464465	65.75342	66.66667	
0.007813 ug	3	57.65256	.96043580	.5545079	55.2667019	60.0384115	56.75676	58.66667	
0.003907 ug	3	49.09902	.39013718	.2252458	48.1298623	50.0681713	48.64865	49.33333	
Total	36	75.90001	28.77339621	4.795566	66.1644930	85.6355262	.00000	100.0000	
Model	Fixed Effects		.60204046	.1003401	75.6929179	76.1071013			
	Random Effects			8.552880	57.0752486	94.7247706			877.700173

Test of Homogeneity of Variances

Persentase Sel T47D yang Mati

Levene Statistic	df1	df2	Sig.
6.363	11	24	.000

ANOVA

Persentase Sel T47D yang Mati

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	28968.09	11	2633.463	7265.673	.000
Within Groups	8.699	24	.362		
Total	28976.79	35			

Post Hoc Tests

Homogeneous Subsets

Persentase Sel T47D yang Mati

Tukey B^a

		Subset for alpha = .05								
Dosis Doxorubicin	N	1	2	3	4	5	6	7	8	9
Kontrol (-)	3	.0000000								
0.003907 μ	3		49.09902							
0.007813 μ	3			57.65256						
0.015625 μ	3				66.21210					
0.03125 μ g	3					76.12333				
0.0625	3						82.43029			
0.125	3							87.83636		
0.25 μ	3								91.44646	
4 μ	3									100.0000
2 μ	3									100.0000
1 μ	3									100.0000
0.5 μ g	3									100.0000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 7

Penghitungan Statistik SPSS 13 untuk Perbandingan Berbagai Zat Uji Pada Tingkatan Dosis 0,0625 µl

Oneway

Descriptives

Persentase Sel T47D yang Mati

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
Kontrol (-)	3	.000000	.0000000	.000000	.000000	.000000	.00000	.00000	
Kontrol (+)	3	82.43029	.23745015	.1370919	81.8404344	83.0201522	82.19178	82.66667	
Fraksi I	3	42.00810	.41202409	.2378822	40.9845794	43.0316286	41.66667	42.46575	
Fraksi II	3	76.24645	1.09086689	.6298123	73.5365884	78.9563155	75.00000	77.02703	
Fraksi IV	3	86.74993	2.17145602	1.253691	81.3557391	92.1441306	84.72222	89.04110	
Fraksi VI	3	25.10473	1.30541013	.7536789	21.8619095	28.3475466	23.61111	26.02740	
Total	18	52.08992	33.22070559	7.830195	35.5696505	68.6101869	.00000	89.04110	
Model									
Fixed Effects			1.14276374	.2693520	51.5030511	52.6767863			
Random Effects				14.43214	14.9909326	89.1889047			1249.28395

Test of Homogeneity of Variances

Persentase Sel T47D yang Mati

Levene Statistic	df1	df2	Sig.
3.750	5	12	.028

ANOVA

Persentase Sel T47D yang Mati

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	18745.79	5	3749.158	2870.918	.000
Within Groups	15.671	12	1.306		
Total	18761.46	17			

Post Hoc Tests

Homogeneous Subsets

Persentase Sel T47D yang Mati

Tukey B ^a		Subset for alpha = .05					
Kelompok Fraksi	N	1	2	3	4	5	6
Buah Merah Pada							
Kontrol (-)	3	.0000000					
Fraksi VI	3		25.10473				
Fraksi I	3			42.00810			
Fraksi II	3				76.24645		
Kontrol (+)	3					82.43029	
Fraksi IV	3						86.74993

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 8

Penghitungan Statistik SPSS 13 untuk Perbandingan Berbagai Zat Uji Pada Tingkat Dosis 0,125 µl

Oneway

Descriptives

Persentase Sel T47D yang Mati

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
Kontrol (-)	3	.0000000	.00000000	.0000000	.0000000	.0000000	.00000	.00000	
Kontrol (+)	3	87.83636	.16438856	.0949098	87.4279931	88.2447207	87.67123	88.00000	
Fraksi I	3	49.76535	1.05663574	.6100489	47.1405188	52.3901762	48.61111	50.68493	
Fraksi II	3	92.69938	.70091876	.4046756	90.9581987	94.4405562	91.89189	93.15068	
Fraksi IV	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
Fraksi VI	3	32.86831	.91969843	.5309881	30.5836560	35.1529711	31.94444	33.78378	
Total	18	60.52823	37.30234534	8.792247	41.9782126	79.0782525	.00000	100.0000	
Model									
Fixed Effects			.64299235	.1515548	60.1980231	60.8584420			
Random Effects				16.21040	18.8580666	102.1983986			1576.52507

Test of Homogeneity of Variances

Persentase Sel T47D yang Mati

Levene Statistic	df1	df2	Sig.
3.685	5	12	.030

ANOVA

Persentase Sel T47D yang Mati

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	23649.94	5	4729.989	11440.59	.000
Within Groups	4.961	12	.413		
Total	23654.90	17			

Post Hoc Tests

Homogeneous Subsets

Persentase Sel T47D yang Mati

Tukey B ^a		Subset for alpha = .05					
Kelompok Fraksi	N	1	2	3	4	5	6
Buah Merah Pada							
Kontrol (-)	3	.0000000					
Fraksi VI	3		32.86831				
Fraksi I	3			49.76535			
Kontrol (+)	3				87.83636		
Fraksi II	3					92.69938	
Fraksi IV	3						100.0000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 9

Penghitungan Statistik SPSS 13 untuk Perbandingan Berbagai Zat Uji Pada Tingkat Dosis 0,25 µl

Oneway

Descriptives

Persentase Sel T47D yang Mati

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
Kontrol (-)	3	.0000000	.00000000	.0000000	.0000000	.0000000	.00000	.00000	
Kontrol (+)	3	91.44646	.67760058	.3912129	89.7632070	93.1297133	90.66667	91.89189	
Fraksi I	3	56.61552	.99687787	.5755477	54.1391377	59.0919015	55.55556	57.53425	
Fraksi II	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
Fraksi IV	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
Fraksi VI	3	38.80507	1.16166213	.6706859	35.9193435	41.6908009	37.50000	39.72603	
Total	18	64.47784	37.88012367	8.928431	45.6404997	83.3151843	.00000	100.0000	
Model			.68341873	.1610833	64.1268716	64.8288124			
Fixed Effects									
Random Effects				16.46132	22.1626681	106.7930159			1625.69494

Test of Homogeneity of Variances

Persentase Sel T47D yang Mati

Levene Statistic	df1	df2	Sig.
5.577	5	12	.007

ANOVA

Persentase Sel T47D yang Mati

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	24387.76	5	4877.552	10443.07	.000
Within Groups	5.605	12	.467		
Total	24393.36	17			

Post Hoc Tests

Homogeneous Subsets

Persentase Sel T47D yang Mati

Tukey B ^a		Subset for alpha = .05					
Kelompok Fraksi	N	1	2	3	4	5	6
Buah Merah Pada							
Kontrol (-)	3	.0000000					
Fraksi VI	3		25.10473				
Fraksi I	3			42.00810			
Fraksi II	3				76.24645		
Kontrol (+)	3					82.43029	
Fraksi IV	3						86.74993

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 10

Penghitungan Statistik SPSS 13 untuk Perbandingan Berbagai Zat Uji Pada Tingkat Dosis 0,5 µl

Oneway

Descriptives									
Persentase Sel T47D yang Mati									
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
Kontrol (-)	3	.0000000	.00000000	.0000000	.0000000	.0000000	.00000	.00000	
Kontrol (+)	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
Fraksi I	3	63.45952	1.24387087	.7181492	60.3695746	66.5494677	62.50000	64.86486	
Fraksi II	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
Fraksi IV	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
Fraksi VI	3	46.10569	1.48327985	.8563720	42.4210233	49.7903661	44.44444	47.29730	
Total	18	68.26087	38.03574122	8.965110	49.3461402	87.1755984	.00000	100.0000	
Model									
Fixed Effects			.79028833	.1862727	67.8550159	68.6667228			
Random Effects				16.52833	25.7734510	110.7482876			1638.90546

Test of Homogeneity of Variances

Persentase Sel T47D yang Mati

Levene Statistic	df1	df2	Sig.
8.577	5	12	.001

ANOVA

Persentase Sel T47D yang Mati

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	24586.70	5	4917.341	7873.343	.000
Within Groups	7.495	12	.625		
Total	24594.20	17			

Post Hoc Tests

Homogeneous Subsets

Persentase Sel T47D yang Mati

Tukey B ^a		Subset for alpha = .05			
Kelompok Fraksi Buah Merah Pada Dosis 0.	N	1	2	3	4
Kontrol (-)	3	.0000000			
Fraksi VI	3		46.10569		
Fraksi I	3			63.45952	
Kontrol (+)	3				100.0000
Fraksi II	3				100.0000
Fraksi IV	3				100.0000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 11

Penghitungan Statistik SPSS 13 untuk Perbandingan Berbagai Zat Uji Pada Tingkat Dosis 1 µl

Oneway

Descriptives									
Persentase Sel T47D yang Mati									
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
Kontrol (-)	3	.0000000	.00000000	.0000000	.0000000	.0000000	.00000	.00000	
Kontrol (+)	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
Fraksi I	3	68.48921	.43169518	.2492393	67.4168181	69.5615987	68.05556	68.91892	
Fraksi II	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
Fraksi IV	3	100.0000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
Fraksi VI	3	51.14172	.39603882	.2286531	50.1579090	52.1255389	50.68493	51.38889	
Total	18	69.93849	37.47498736	8.832939	51.3026159	88.5743615	.00000	100.0000	
Model	Fixed Effects		.23916782	.0563724	69.8156638	70.0613136			
	Random Effects			16.28690	28.0716767	111.8053007			1591.55981

Test of Homogeneity of Variances

Persentase Sel T47D yang Mati

Levene Statistic	df1	df2	Sig.
5.377	5	12	.008

ANOVA

Persentase Sel T47D yang Mati

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	23873.68	5	4774.737	83472.60	.000
Within Groups	.686	12	.057		
Total	23874.37	17			

Post Hoc Tests

Homogeneous Subsets

Persentase Sel T47D yang Mati

Tukey B ^a		Subset for alpha = .05			
Kelompok Fraksi Buah Merah Pada Dosis	N	1	2	3	4
Kontrol (-)	3	.0000000			
Fraksi VI	3		51.14172		
Fraksi I	3			68.48921	
Kontrol (+)	3				100.0000
Fraksi II	3				100.0000
Fraksi IV	3				100.0000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 12

Penghitungan Statistik SPSS 13 untuk Perbandingan Berbagai Zat Uji Pada Tingkat Dosis 2 µl

Oneway

Descriptives

Persentase Sel T47D yang Mati

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
Kontrol (-)	3	.0000000	.00000000	.0000000	.0000000	.0000000	.00000	.00000	
Kontrol (+)	3	100.000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
Fraksi I	3	78.5361	.84820454	.4897111	76.4290134	80.6431272	77.77778	79.45205	
Fraksi II	3	100.000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
Fraksi IV	3	100.000	.00000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
Fraksi VI	3	57.5289	.58185003	.3359313	56.0835374	58.9743286	56.94444	58.10811	
Total	18	72.6775	37.06770424	8.736942	54.2441649	91.1108362	.00000	100.0000	
Model			.41992071	.0989763	72.4618498	72.8931513			
Fixed Effects									
Random Effects				16.10939	31.2669831	114.0880180			1557.01681

Test of Homogeneity of Variances

Persentase Sel T47D yang Mati

Levene Statistic	df1	df2	Sig.
4.757	5	12	.013

ANOVA

Persentase Sel T47D yang Mati

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	23356.13	5	4671.227	26490.88	.000
Within Groups	2.116	12	.176		
Total	23358.25	17			

Post Hoc Tests

Homogeneous Subsets

Persentase Sel T47D yang Mati

Tukey B ^a		Subset for alpha = .05			
Kelompok Fraksi Buah Merah Pada Dosis	N	1	2	3	4
Kontrol (-)	3	.0000000			
Fraksi VI	3		57.52893		
Fraksi I	3			78.53607	
Kontrol (+)	3				100.0000
Fraksi II	3				100.0000
Fraksi IV	3				100.0000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 13

Penghitungan Statistik SPSS 13 untuk Perbandingan Berbagai Zat Uji Pada Tingkat Dosis 4 µl

Oneway

Descriptives

Persentase Sel T47D yang Mati									
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
Kontrol (-)	3	.000000	.0000000	.0000000	.0000000	.0000000	.00000	.00000	
Kontrol (+)	3	100.0000	.0000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
Fraksi I	3	86.29966	.18769356	.1083649	85.8333992	86.7659125	86.11111	86.48649	
Fraksi II	3	100.0000	.0000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
Fraksi IV	3	100.0000	.0000000	.0000000	100.0000000	100.0000000	100.0000	100.0000	
Fraksi VI	3	62.10200	.43124128	.2489773	61.0307365	63.1732620	61.64384	62.50000	
Total	18	74.73361	37.08597878	8.741249	56.2911858	93.1760325	.00000	100.0000	
Model									
Fixed Effects			.19200604	.0452563	74.6350043	74.8322141			
Random Effects				16.11791	33.3011914	116.1660270			1558.71068

Test of Homogeneity of Variances

Persentase Sel T47D yang Mati

Levene Statistic	df1	df2	Sig.
4.886	5	12	.011

ANOVA

Persentase Sel T47D yang Mati

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	23380.84	5	4676.169	126841.2	.000
Within Groups	.442	12	.037		
Total	23381.29	17			

Post Hoc Tests

Homogeneous Subsets

Persentase Sel T47D yang Mati

Tukey B ^a		Subset for alpha = .05			
Kelompok Fraksi Buah Merah Pada Dosis	N	1	2	3	4
Kontrol (-)	3	.0000000			
Fraksi VI	3		62.10200		
Fraksi I	3			86.29966	
Kontrol (+)	3				100.0000
Fraksi II	3				100.0000
Fraksi IV	3				100.0000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 14

Dokumentasi



Pengenceran seri terhadap empat fraksi ekstrak Buah Merah



Pemberian fraksi yang telah diencerkan ke dalam sumuran yang telah ditanamkan sel T47D



Setelah pemberian fraksi, *plate* akan diinkubasi selama 24 jam

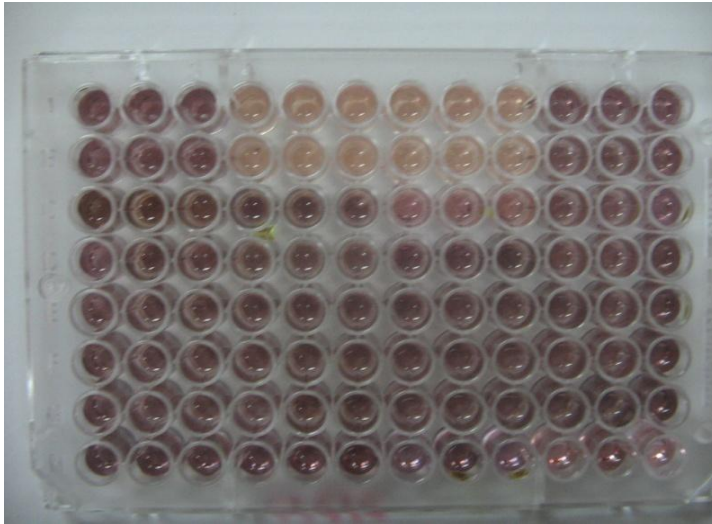
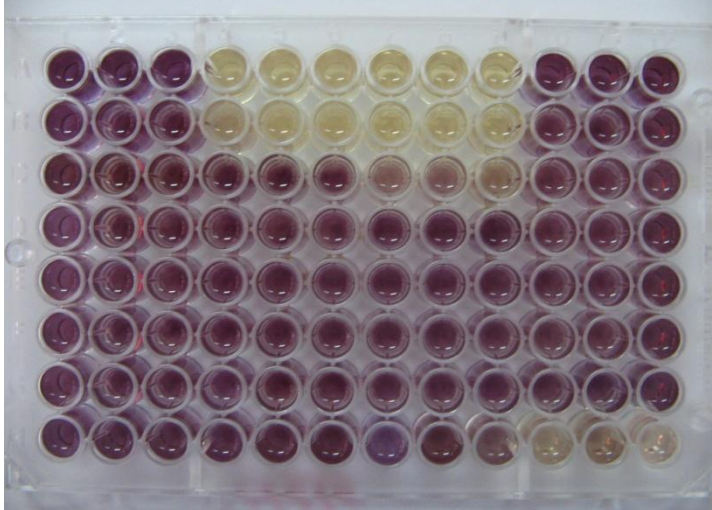


Plate setelah inkubasi 24 jam



Tiap sumuran kemudian ditambahkan trypsin dan *tryphan blue*, dan kemudian dilakukan penghitungan sel