

APPENDICES

Appendices 1 Statistical analysis of ALT

Anova: Single Factor ALT

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Row 1	3	138	46	1
Row 2	3	163	54,33	2,33
Row 3	3	135	45	301
Row 4	3	154	51,33	201,33
Row 5	3	136	45,33	66,33

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	211,6	4	52,9	0,462	0,762	3,478
Within Groups	1144	10	114,4			
Total	1355,6	14				

Appendices 2 Statistical analysis ofAST

Anova: Single Factor AST

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Row 1	3	385	128,33	3104,33
Row 2	3	448	149,33	897,33
Row 3	3	422	140,67	361,33
Row 4	3	317	105,67	290,33
Row 5	3	380	126,67	262,33

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	3280,4	4	820,1	0,834	0,533	3,478
Within Groups	9831,333	10	983,13			
Total	13111,73	14				

Appendices 3 Statistical analysis of MDA

ANOVA

MDA	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.035	4	.009	4.245	.029
Within Groups	.021	10	.002		
Total	.055	14			

Post Hoc Tests Homogeneous Subsets

MDA

Duncan ^a		Subset for alpha = 0.05		
Perlakuan	N	1	2	3
P1	3	.2000		
P4	3	.2133	.2133	
P3	3	.2667	.2667	.2667
P5	3		.2900	.2900
P2	3			.3300
Sig.		.116	.076	.133

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Appendices 4 Statistical analysis of Hepatocytes

ANOVA

Hepatosit

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3893.733	4	973.433	2.611	.043
Within Groups	26102.267	70	372.890		
Total	29996.000	74			

Post Hoc Tests

Homogeneous Subsets

Hepatosit

Duncan^a

Perlakuan	N	Subset for alpha = 0.05	
		1	2
P2	15	178.9333	
P4	15		193.1333
P1	15		195.3333
P4	15		197.9333
P3	15		198.6667
Sig.		1.000	.482

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 15,000.

Appendices 5 Statistical analysis of Kupffer Cells

ANOVA

Kupffer

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	6727.013	4	1681.753	20.351	.000
Within Groups	5784.533	70	82.636		
Total	12511.547	74			

Post Hoc Tests

Homogeneous Subsets

Kupffer

Duncan^a

Perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
P1	15	23.8667			
P5	15		31.6667		
P4	15		38.0667	38.0667	
P3	15			42.9333	
P2	15				51.6000
Sig.		1.000	.058	.147	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 15,000.

Appendices 6 Statistical analysis of Inflammatory Cells

ANOVA

Inflammatory Cells

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	328.213	4	82.053	5.428	.001
Within Groups	1058.133	70	15.116		
Total	1386.347	74			

Post Hoc Tests

Homogeneous Subsets

Inflammatory Cells

Duncan^a

Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
P1	15	7.5333		
P3	15	9.5333	9.5333	
P5	15	10.2000	10.2000	
P4	15		11.9333	11.9333
P2	15			13.6667
Sig.		.079	.115	.226

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 15,000.

Appendices 7 Statistical analysis of Fatty Degeneration

ANOVA

Fatty Degeneration

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	130.880	4	32.720	2.810	.032
Within Groups	815.067	70	11.644		
Total	945.947	74			

Post Hoc Tests Homogeneous Subsets

Fatty Degeneration

Duncan^a

Perlakuan	N	Subset for alpha = 0.05	
		1	2
P3	15	.6000	
P1	15	.7333	
P5	15	1.8000	1.8000
P4	15	2.5333	2.5333
P2	15		4.2000
Sig.		.163	.072

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 15,000.

Appendices 8 Statistical analysis of Necrotic Cells

ANOVA

Necrotic Cells

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	201.733	4	50.433	10.255	.000
Within Groups	344.267	70	4.918		
Total	546.000	74			

Post Hoc Tests

Homogeneous Subsets

Necrotic Cells

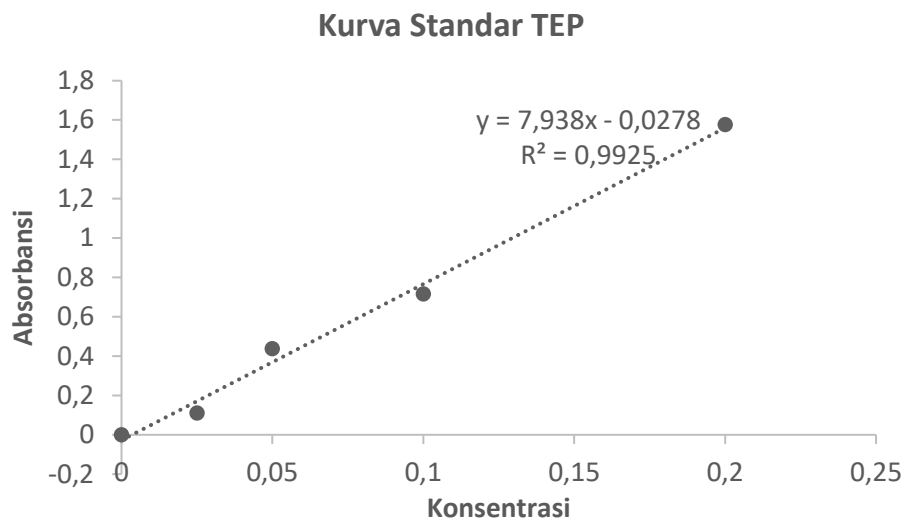
Duncan^a

Perlakuan	N	Subset for alpha = 0.05	
		1	2
P1	15	1.6000	
P4	15		5.0667
P3	15		5.4000
P2	15		5.8000
P5	15		6.1333
Sig.		1.000	.237

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 15,000.

Appendices 9 TEP standard curve



$$y = 7,938x - 0,0278$$

Example, absorbance = 1,012

- MDA Level (X) = $\frac{\text{Absorbansi} + 0,0278}{7,938} = 0,130 \text{ nmol/mL}$

$$\text{MDA Level} = 0,130 \text{ nmol/mL} \times \frac{1,5}{0,15} \text{ mL/g} = 1,30 \text{ nmol/g}$$