

## LAMPIRAN

## Lampiran 1 Pernyataan Keaslian Tulisan

## PERNYATAAN KEASLIAN TULISAN

Saya yang bertanda tangan di bawah ini :

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menyatakan dengan sebenarnya bahwa Tugas Akhir yang saya tulis ini benar – benar merupakan hasil karya saya sendiri, bukan merupakan pengambilalihan tulisan atau pikiran orang lain yang saya akui sebagai tulisan atau pikiran saya sendiri. Apabila di kemudian hari dapat dibuktikan bahwa Tugas Akhir ini adalah hasil jiplakan, maka saya bersedia menerima sanksi atas perbuatan tersebut.

Malang, 30 April 2014

Yang membuat pernyataan,

Slamet Hadi Santoso

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Lampiran 2 (L2) Alat Dan Bahan



Gambar L2.1 Mikroskop



Gambar L2.2 Spektrofotometri



Gambar L2.3 Vortex



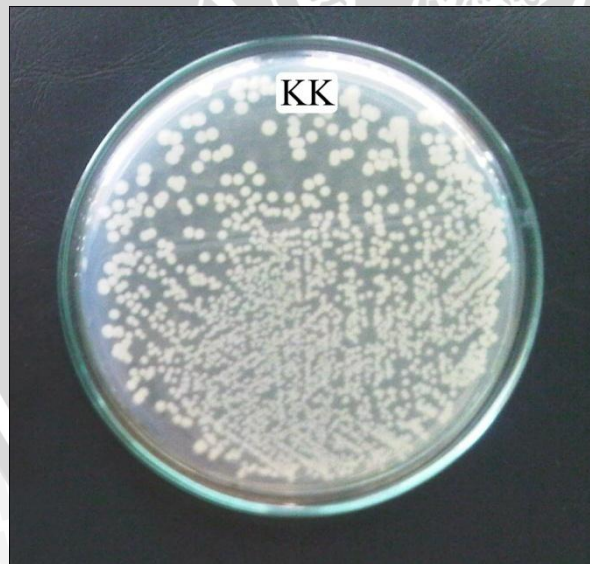
Gambar L2.4 Batang Kayu Secang



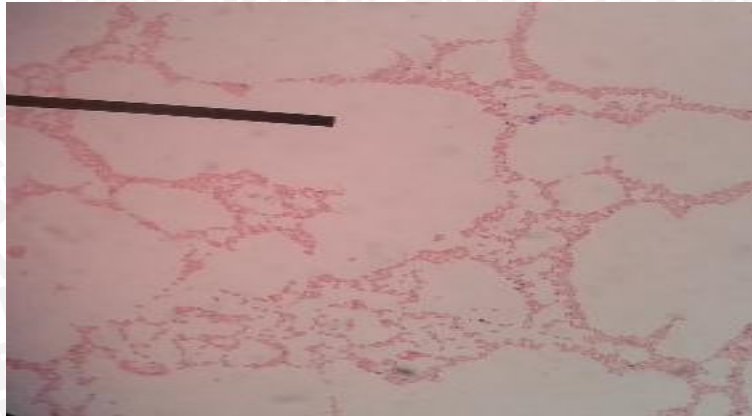
### Lampiran 3 (L3) Identifikasi Bakteri dan Hasil Penelitian



**Gambar L3.1 Hasil Inkubasi Kontrol Kuman Bakteri *Klebsiella pneumoniae***  
Kontrol kuman setelah diinkubasi nampak keruh



**Gambar L3.2 Koloni bakteri pada Medium NAP**  
Koloni bakteri *Klebsiella pneumoniae* yang tumbuh berwarna kuning



**Gambar L3.3 Pewarnaan Gram**

Pada pengamatan di bawah mikroskop bakteri *Klebsiella pneumonia* gram negatif, berbentuk batang, tidak membentuk spora dan berwarna merah



**Gambar L3.3 Identifikasi IMViC**

Lampiran 4 Uji Statistik

Descriptives<sup>a</sup>

Kelompok		Statistic	Std. Error		
Dosis	kontrol positif	Mean	749.00	19.335	
		95% Confidence Interval for Mean	Lower Bound	687.47	
			Upper Bound	810.53	
		5% Trimmed Mean	748.67		
		Median	746.00		
		Variance	1495.333		
		Std. Deviation	38.670		
		Minimum	712		
		Maximum	792		
		Range	80		
		Interquartile Range	73		
		Skewness	.202	1.014	
		Kurtosis	-4.344	2.619	
		P1		Mean	562.50
95% Confidence Interval for Mean	Lower Bound			543.92	
	Upper Bound			581.08	
5% Trimmed Mean	562.83				
Median	565.50				
Variance	136.333				
Std. Deviation	11.676				
Minimum	547				
Maximum	572				
Range	25				
Interquartile Range	22				
Skewness	-.950			1.014	
Kurtosis	-.745			2.619	
P2				Mean	493.25
		95% Confidence Interval for Mean	Lower Bound	452.53	
			Upper Bound	533.97	



		5% Trimmed Mean	492.94	
		Median	490.50	
		Variance	654.917	
		Std. Deviation	25.591	
		Minimum	471	
		Maximum	521	
		Range	50	
		Interquartile Range	47	
		Skewness	.186	1.014
		Kurtosis	-4.924	2.619
P3		Mean	341.75	14.268
	95% Confidence Interval for Mean	Lower Bound	296.34	
		Upper Bound	387.16	
		5% Trimmed Mean	342.06	
		Median	344.50	
		Variance	814.250	
		Std. Deviation	28.535	
		Minimum	307	
		Maximum	371	
		Range	64	
		Interquartile Range	55	
		Skewness	-.399	1.014
	Kurtosis	-2.071	2.619	
P4		Mean	83.00	5.553
	95% Confidence Interval for Mean	Lower Bound	65.33	
		Upper Bound	100.67	
		5% Trimmed Mean	83.44	
		Median	87.00	
		Variance	123.333	
		Std. Deviation	11.106	
		Minimum	67	
		Maximum	91	
	Range	24		
	Interquartile Range	20		



	Skewness	-1.577	1.014
	Kurtosis	2.285	2.619

a. dosis is constant when Kelompok = P5. It has been omitted.

UJI NORMALITAS KOLMOGOROV SMIRNOV

**Tests of Normality<sup>b</sup>**

	Kelompok	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
	kontrol positif	.265	4	.	.893	4	.398
	P1	.267	4	.	.884	4	.355
dosis	P2	.297	4	.	.836	4	.183
	P3	.215	4	.	.962	4	.791
	P4	.286	4	.	.827	4	.160

a. Lilliefors Significance Correction

b. dosis is constant when Kelompok = P5. It has been omitted.

**One-Sample Kolmogorov-Smirnov Test**

		Kelompok	dosis
N		24	24
Normal Parameters <sup>a,b</sup>	Mean	4.50	371.58
	Std. Deviation	1.745	269.737
	Absolute	.138	.184
Most Extreme Differences	Positive	.138	.184
	Negative	-.138	-.144
Kolmogorov-Smirnov Z		.678	.902
Asymp. Sig. (2-tailed)		.748	.389

a. Test distribution is Normal.

b. Calculated from data.

UJI HOMOGENITAS DATA

**Test of Homogeneity of Variances**

Dosis

Levene Statistic	df1	df2	Sig.
11.444	5	18	.000



**ANOVA**

Dosis

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1663759.333	5	332751.867	619.233	.000
Within Groups	9672.500	18	537.361		
Total	1673431.833	23			

**Post Hoc Tests**

**Multiple Comparisons**

Dependent Variable: dosis

Tukey HSD

(I) Kelompok	(J) Kelomp ok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol positif	P1	186.500*	16.391	.000	134.41	238.59
	P2	255.750*	16.391	.000	203.66	307.84
	P3	407.250*	16.391	.000	355.16	459.34
	P4	666.000*	16.391	.000	613.91	718.09
	P5	749.000*	16.391	.000	696.91	801.09
P1	kontrol positif	-186.500*	16.391	.000	-238.59	-134.41
	P2	69.250*	16.391	.006	17.16	121.34
	P3	220.750*	16.391	.000	168.66	272.84
	P4	479.500*	16.391	.000	427.41	531.59
	P5	562.500*	16.391	.000	510.41	614.59
P2	kontrol positif	-255.750*	16.391	.000	-307.84	-203.66
	P1	-69.250*	16.391	.006	-121.34	-17.16
	P3	151.500*	16.391	.000	99.41	203.59
	P4	410.250*	16.391	.000	358.16	462.34
	P5	493.250*	16.391	.000	441.16	545.34
P3	kontrol positif	-407.250*	16.391	.000	-459.34	-355.16
	P1	-220.750*	16.391	.000	-272.84	-168.66
	P2	-151.500*	16.391	.000	-203.59	-99.41
	P4	258.750*	16.391	.000	206.66	310.84



	P5	341.750*	16.391	.000	289.66	393.84
P4	kontrol positif	-666.000*	16.391	.000	-718.09	-613.91
	P1	-479.500*	16.391	.000	-531.59	-427.41
	P2	-410.250*	16.391	.000	-462.34	-358.16
	P3	-258.750*	16.391	.000	-310.84	-206.66
	P5	83.000*	16.391	.001	30.91	135.09
P5	kontrol positif	-749.000*	16.391	.000	-801.09	-696.91
	P1	-562.500*	16.391	.000	-614.59	-510.41
	P2	-493.250*	16.391	.000	-545.34	-441.16
	P3	-341.750*	16.391	.000	-393.84	-289.66
	P4	-83.000*	16.391	.001	-135.09	-30.91

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

## Homogeneous Subsets

### Dosis

Tukey HSD

Kelompok	N	Subset for alpha = 0.05					
		1	2	3	4	5	6
P5	4	.00					
P4	4		83.00				
P3	4			341.75			
P2	4				493.25		
P1	4					562.50	
kontrol positif	4						749.00
Sig.		1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

## UJI KORELASI PEARSON

Correlations			
		Dosis	DOSE
dosis	Pearson Correlation	1	-.978**
	Sig. (2-tailed)		.000
	N	24	20
DOSE	Pearson Correlation	-.978**	1

Sig. (2-tailed)	.000	
N	20	20

\*\* . Correlation is significant at the 0.01 level (2-tailed).

### Case Processing Summary

	Kelompok	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
dosis	kontrol positif	4	100.0%	0	0.0%	4	100.0%
	P1	4	100.0%	0	0.0%	4	100.0%
	P2	4	100.0%	0	0.0%	4	100.0%
	P3	4	100.0%	0	0.0%	4	100.0%
	P4	4	100.0%	0	0.0%	4	100.0%
	P5	4	100.0%	0	0.0%	4	100.0%

### UJI REGRESI LINIER

#### Variables Entered/Removed<sup>a</sup>

Model	Variables Entered	Variables Removed	Method
1	Kelompok <sup>b</sup>	.	Enter

a. Dependent Variable: dosis

b. All requested variables entered.

#### Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.896 <sup>a</sup>	.802	.793	105.971

a. Predictors: (Constant), Kelompok

#### ANOVA<sup>a</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1001889.289	1	1001889.289	89.216	.000 <sup>b</sup>
	Residual	247058.669	22	11229.940		
	Total	1248947.958	23			



- a. Dependent Variable: dosis
- b. Predictors: (Constant), Kelompok

**Coefficients<sup>a</sup>**

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	890.819	60.964		14.612	.000
	Kelompok	-119.636	12.666	-.896	-9.445	.000

- a. Dependent Variable: dosis

