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Lampiran 1. Hasil Inkubasi Isolat Bakteri *Staphylococcus aureus* dan *Bacillus subtilis*



Lampiran 2. Analisis SPSS Ekstrak Kasar Enzim dari Bakteri *Staphylococcus aureus* dan *Bacillus subtilis*

Tests of Normality^b

	kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	Df	Sig.	Statistic	df	Sig.
Diameter	ekstrak protease kasar S.aureus	.292	3	.	.923	3	.463
	ekstrak protease kasar B.subtilis	.267	3	.	.951	3	.575
	kontrol positif	.253	3	.	.964	3	.637

Tests of Normality

	hari	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Diameter	hari 1	.214	4	.	.958	4	.768
	hari 2	.374	4	.	.766	4	.054
	hari 3	.218	4	.	.925	4	.568

Test of Homogeneity of Variances

diameter x kelompok

Levene Statistic	df1	df2	Sig.
4.685	1	4	.096

ANOVA

diameter x kelompok

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	12.538	3	4.179	57.792	.000
Within Groups	.579	8	.072		
Total	13.117	11			

Multiple Comparisons

Dependent Variable: diameter

Tukey HSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
ekstrak protease kasar S.aureus	ekstrak protease kasar	.64667	.21957	.072	-.0565	1.3498
	B.subtilis					
	kontrol positif	-.38333	.21957	.363	-1.0865	.3198
ekstrak protease kasar B.subtilis	kontrol negatif	2.29000*	.21957	.000	1.5869	2.9931
	ekstrak protease kasar	-.64667	.21957	.072	-1.3498	.0565
	S.aureus					
kontrol positif	kontrol positif	-1.03000*	.21957	.007	-1.7331	-.3269
	kontrol negatif	1.64333*	.21957	.000	.9402	2.3465
	ekstrak protease kasar	.38333	.21957	.363	-.3198	1.0865
kontrol negatif	S.aureus					
	ekstrak protease kasar	1.03000*	.21957	.007	.3269	1.7331
	B.subtilis					
kontrol positif	kontrol negatif	2.67333*	.21957	.000	1.9702	3.3765
	ekstrak protease kasar	-2.29000*	.21957	.000	-2.9931	-1.5869
	S.aureus					
kontrol negatif	ekstrak protease kasar	-1.64333*	.21957	.000	-2.3465	-.9402
	B.subtilis					
	kontrol positif	-2.67333*	.21957	.000	-3.3765	-1.9702

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

Diameter

Tukey HSD^a

Kelompok	N	Subset for alpha = 0.05		
		1	2	3
kontrol negatif	3	.0000		
ekstrak protease kasar	3		1.6433	
B.subtilis				
ekstrak protease kasar	3			2.2900
S.aureus				
kontrol positif	3			2.6733
Sig.		1.000	.072	.363

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Test of Homogeneity of Variances

diameter x hari

Levene Statistic	df1	df2	Sig.
.017	2	9	.983

ANOVA

diameter x hari

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	.205	2	.103	.072	.931
Within Groups	12.911	9	1.435		
Total	13.117	11			

Tests of Between-Subjects Effects

Dependent Variable: diameter

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Corrected Model	13.117 ^a	11	1.192	.	.
Intercept	32.736	1	32.736	.	.
Kelompok	12.538	3	4.179	.	.
Hari	.205	2	.103	.	.
kelompok * hari	.373	6	.062	.	.
Error	.000	0	.	.	.
Total	45.853	12			
Corrected Total	13.117	11			

a. R Squared = 1.000 (Adjusted R Squared = .)

Lampiran 3. Analisis SPSS Isolat Bakteri *Staphylococcus aureus* dan *Bacillus subtilis*

Tests of Normality

	Hari	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	Df	Sig.
Diameter	Hari 1	.163	4	.	.992	4	.970
	Hari 2	.191	4	.	.963	4	.797
	Hari 3	.208	4	.	.947	4	.700

a. Lilliefors Significance Correction

Tests of Normality^b

	Kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	Df	Sig.	Statistic	Df	Sig.
Diameter	B.subtilis	.304	3	.	.907	3	.407
	S.aureus	.286	3	.	.931	3	.493
	Kontrol positif	.253	3	.	.964	3	.637

a. Lilliefors Significance Correction

b. Diameter is constant when Kelompok = Kontrol negatif. It has been omitted.

Test of Homogeneity of Variances

Diameter x kelompok

Levene Statistic	df1	df2	Sig.
1.637 ^a	1	4	.270

ANOVA

Diameter x kelompok

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	11.913	3	3.971	395.130	.000
Within Groups	.080	8	.010		
Total	11.994	11			

Multiple Comparisons

Dependent Variable: Diameter

Tukey HSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
B.subtilis	S.aureus	-.76000 [*]	.08185	.000	-1.0221	-.4979
	Kontrol positif	-1.38667 [*]	.08185	.000	-1.6488	-1.1245
	Kontrol negatif	1.28667 [*]	.08185	.000	1.0245	1.5488
S.aureus	B.subtilis	.76000 [*]	.08185	.000	.4979	1.0221
	Kontrol positif	-.62667 [*]	.08185	.000	-.8888	-.3645
	Kontrol negatif	2.04667 [*]	.08185	.000	1.7845	2.3088
Kontrol positif	B.subtilis	1.38667 [*]	.08185	.000	1.1245	1.6488
	S.aureus	.62667 [*]	.08185	.000	.3645	.8888
	Kontrol negatif	2.67333 [*]	.08185	.000	2.4112	2.9355
Kontrol negatif	B.subtilis	-1.28667 [*]	.08185	.000	-1.5488	-1.0245
	S.aureus	-2.04667 [*]	.08185	.000	-2.3088	-1.7845
	Kontrol positif	-2.67333 [*]	.08185	.000	-2.9355	-2.4112

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

Diameter

Tukey HSD^a

Kelompok	N	Subset for alpha = 0.05			
		1	2	3	4
Kontrol negatif	3	.0000			
B.subtilis	3		1.2867		
S.aureus	3			2.0467	
Kontrol positif	3				2.6733
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.

Test of Homogeneity of Variances

Diameter x waktu inkubasi

Levene Statistic	df1	df2	Sig.
.005	2	9	.995

ANOVA

Diameter x waktu inkubasi

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	.037	2	.018	.014	.986
Within Groups	11.957	9	1.329		
Total	11.994	11			

Tests of Between-Subjects Effects

Dependent Variable: Diameter

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Corrected Model	11.994 ^a	11	1.090	.	.
Intercept	27.060	1	27.060	.	.
Hari	.033	2	.016	.	.
Kelompok	11.913	3	3.971	.	.
Hari * Kelompok	.048	6	.008	.	.
Error	.000	0	.		
Total	39.054	12			
Corrected Total	11.994	11			

. R Squared = 1.000 (Adjusted R Squared = .)