LAMPIRAN

Lampiran 1

PERNYATAAN KEASLIAN TULISAN

Saya yang bertanda tangan di bawah ini:

Nama : Esty Setya Lisyani

NIM : 135070401111002

Program Studi : Program Studi Sarjana Kedokteran Gigi

Fakultas Kedokteran Gigi Universitas Brawijaya

menyatakan dengan sebenarnya bahwa Skripsi yang saya tulis ini benar-benar hasil karya sendiri, bukan merupakan pengambilan 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 jiplakan, maka saya bersedia menerima sanksi atas perbuatan tersebut

Malang, 04 Maret 2017

Yang membuat pernyataan,

Esty Setya Lisyani

NIM. 135070401111002

Lampiran 2 Data Hasil Penelitian

Kelompok Kontrol Hari ke-1

Kode Sampel	Konsentrasi (ppm)	
	Cr	Ni
K-1	Tidak terdeteksi	Tidak terdeteksi
K-2	Tidak terdeteksi	Tidak terdeteksi
K-3	Tidak terdeteksi	Tidak terdeteksi
K-4	Tidak terdeteksi	Tidak terdeteksi
K-5	Tidak terdeteksi	Tidak terdeteksi
K-6	Tidak terdeteksi	Tidak terdeteksi
K-7	Tidak terdeteksi	Tidak terdeteksi
K-8	Tidak terdeteksi	Tidak terdeteksi
K-9	Tidak terdeteksi	Tidak terdeteksi
K-10	Tidak terdeteksi	Tidak terdeteksi

Kelompok Perlakuan 1 Hari ke-1

Kode Sampel	Konsentrasi (ppm)	
	Cr	Ni
P1-1	Tidak terdeteksi	Tidak terdeteksi
P1-2	Tidak terdeteksi	Tidak terdeteksi
P1-3	Tidak terdeteksi	Tidak terdeteksi
P1-4	Tidak terdeteksi	Tidak terdeteksi
P1-5	Tidak terdeteksi	Tidak terdeteksi
P1-6	Tidak terdeteksi	Tidak terdeteksi
P1-7	Tidak terdeteksi	Tidak terdeteksi
P1-8	Tidak terdeteksi	Tidak terdeteksi
P1-9	Tidak terdeteksi	Tidak terdeteksi
P1-10	Tidak terdeteksi	Tidak terdeteksi

Kelompok Perlakuan 2 Hari ke-1

Kode Sampel	Konsentrasi (ppm)	
	Cr	Ni
P2-1	Tidak terdeteksi	Tidak terdeteksi
P2-2	Tidak terdeteksi	Tidak terdeteksi
P2-3	Tidak terdeteksi	Tidak terdeteksi
P2-4	Tidak terdeteksi	Tidak terdeteksi
P2-5	Tidak terdeteksi	Tidak terdeteksi
P2-6	Tidak terdeteksi	Tidak terdeteksi
P2-7	Tidak terdeteksi	Tidak terdeteksi
P2-8	Tidak terdeteksi	Tidak terdeteksi
P2-9	Tidak terdeteksi	Tidak terdeteksi
P2-10	Tidak terdeteksi	Tidak terdeteksi

Kelompok Kontrol Hari ke-25

Kode Sampel	Konsentrasi (ppm)	
	Cr	Ni
K-1	0,04944	0,04724
K-2	0,05631	0,02481
K-3	0,05598	0,04672
K-4	0,05019	0,02886
K-5	0,04960	0,03455
K-6	0,05624	0,03987
K-7	0,05971	0,03090
K-8	0,04882	0,04009
K-9	0,04942	0,02482
K-10	0,05141	0,03098

Kelompok Perlakuan 1 Hari ke-25

Kode Sampel	Konsentrasi (ppm)	
	Cr	Ni
P1-1	0.1621	0.1045
P1-2	0.2324	0.0975
P1-3	0.1513	0.0835
P1-4	0.2445	0.0979
P1-5	0.1540	0.0883
P1-6	0.1662	0.0931
P1-7	0.1202	0.0957
P1-8	0.1540	0.1120
P1-9	0.2513	0.0847
P1-10	0.2283	0.0873

Kelompok Perlakuan 2 Hari ke-25

Kode Sampel	Konsentrasi (ppm)	
	Cr	Ni
P2-1	0.2310	0.0905
P2-2	0.1837	0.0814
P2-3	0.1189	0.1008
P2-4	0.1510	0.1057
P2-5	0.1486	0.1222
P2-6	0.2198	0.0847
P2-7	0.2387	0.0970
P2-8	0.1540	0.1082
P2-9	0.1929	0.0992
P2-10	0.2567	0.0919

Kelompok Kontrol Hari ke-50

Kode Sampel	Konsentrasi (ppm)	
	Cr	Ni
K-1	0.05119	0.04880
K-2	0.05973	0.02595
K-3	0.05817	0.04701
K-4	0.05283	0.02913
K-5	0.05180	0.03509
K-6	0.05911	0.04018
K-7	0.06191	0.03161
K-8	0.05001	0.04179
K-9	0.05172	0.02681
K-10	0.05266	0.03211

Kelompok Perlakuan 1 Hari ke-50

Kode Sampel	Konsentrasi (ppm)	
	Cr	Ni
P1-1	0.1759	0.1104
P1-2	0.2490	0.0998
P1-3	0.1609	0.0876
P1-4	0.2548	0.0991
P1-5	0.1607	0.0960
P1-6	0.1782	0.0957
P1-7	0.1331	0.0988
P1-8	0.1601	0.1148
P1-9	0.2608	0.0875
P1-10	0.2348	0.0898

Kelompok Perlakuan 2 Hari ke-50

Kode Sampel	Konsentrasi (ppm)	
	Cr	Ni
P2-1	0.2471	0.0976
P2-2	0.1991	0.0869
P2-3	0.1369	0.1203
P2-4	0.1590	0.1092
P2-5	0.1552	0.1279
P2-6	0.2210	0.0871
P2-7	0.2459	0.1070
P2-8	0.1698	0.1171
P2-9	0.1971	0.1027
P2-10	0.2582	0.0962

Lampiran 3 Hasil Uji Statistik

Uji Normalitas

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Cr	.056	90	.200*	.991	90	.831

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Oneway

Descriptives

Cr

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
K 1	10	.00000	.000000	.000000	.00000	.00000	.000	.000
P1 1	10	.00000	.000000	.000000	.00000	.00000	.000	.000
P2 1	10	.00000	.000000	.000000	.00000	.00000	.000	.000
K 25	10	.05260	.004006	.001267	.04973	.05547	.049	.060
P1 25	10	.18630	.047364	.014978	.15242	.22018	.120	.251
P2 25	10	.18970	.046012	.014550	.15678	.22262	.119	.257
K 50	10	.05500	.004295	.001358	.05193	.05807	.050	.062
P1 50	10	.19690	.047688	.015080	.16279	.23101	.133	.261
P2 50	10	.19890	.043080	.013623	.16808	.22972	.137	.258
Total	90	.09771	.092749	.009777	.07829	.11714	.000	.261

Test of Homogeneity of Variances

Cr

Levene Statistic	df1	df2	Sig.
1.974	8	81	.060

ANOVA

Cr

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.689	8	.086	90.910	.000
Within Groups	.077	81	.001		
Total	.766	89			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Cr

Tukey HSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
K 1	P1 1	.00000	.013764	1.000	-.04387	.04387
	P2 1	.00000	.013764	1.000	-.04387	.04387
	K 25	-.05260*	.013764	.008	-.09647	-.00873
	P1 25	-.18630*	.013764	.000	-.23017	-.14243
	P2 25	-.18970*	.013764	.000	-.23357	-.14583
	K 50	-.05500*	.013764	.004	-.09887	-.01113
	P1 50	-.19690*	.013764	.000	-.24077	-.15303
	P2 50	-.19890*	.013764	.000	-.24277	-.15503
P1 1	K 1	.00000	.013764	1.000	-.04387	.04387
	P2 1	.00000	.013764	1.000	-.04387	.04387
	K 25	-.05260*	.013764	.008	-.09647	-.00873
	P1 25	-.18630*	.013764	.000	-.23017	-.14243
	P2 25	-.18970*	.013764	.000	-.23357	-.14583
	K 50	-.05500*	.013764	.004	-.09887	-.01113
	P1 50	-.19690*	.013764	.000	-.24077	-.15303
	P2 50	-.19890*	.013764	.000	-.24277	-.15503
P2 1	K 1	.00000	.013764	1.000	-.04387	.04387
	P1 1	.00000	.013764	1.000	-.04387	.04387
	K 25	-.05260*	.013764	.008	-.09647	-.00873
	P1 25	-.18630*	.013764	.000	-.23017	-.14243
	P2 25	-.18970*	.013764	.000	-.23357	-.14583
	K 50	-.05500*	.013764	.004	-.09887	-.01113
	P1 50	-.19690*	.013764	.000	-.24077	-.15303
	P2 50	-.19890*	.013764	.000	-.24277	-.15503
K 25	K 1	.05260*	.013764	.008	.00873	.09647
	P1 1	.05260*	.013764	.008	.00873	.09647
	P2 1	.05260*	.013764	.008	.00873	.09647
	P1 25	-.13370*	.013764	.000	-.17757	-.08983
	P2 25	-.13710*	.013764	.000	-.18097	-.09323
	K 50	-.00240	.013764	1.000	-.04627	.04147
	P1 50	-.14430*	.013764	.000	-.18817	-.10043
	P2 50	-.14630*	.013764	.000	-.19017	-.10243
P1 25	K 1	.18630*	.013764	.000	.14243	.23017
	P1 1	.18630*	.013764	.000	.14243	.23017
	P2 1	.18630*	.013764	.000	.14243	.23017
	K 25	.13370*	.013764	.000	.08983	.17757
	P2 25	-.00340	.013764	1.000	-.04727	.04047
	K 50	.13130*	.013764	.000	.08743	.17517
	P1 50	-.01060	.013764	.997	-.05447	.03327
	P2 50	-.01260	.013764	.991	-.05647	.03127
P2 25	K 1	.18970*	.013764	.000	.14583	.23357
	P1 1	.18970*	.013764	.000	.14583	.23357
	P2 1	.18970*	.013764	.000	.14583	.23357
	K 25	.13710*	.013764	.000	.09323	.18097
	P1 25	.00340	.013764	1.000	-.04047	.04727
	K 50	.13470*	.013764	.000	.09083	.17857
	P1 50	-.00720	.013764	1.000	-.05107	.03667
	P2 50	-.00920	.013764	.999	-.05307	.03467
K 50	K 1	.05500*	.013764	.004	.01113	.09887
	P1 1	.05500*	.013764	.004	.01113	.09887
	P2 1	.05500*	.013764	.004	.01113	.09887
	K 25	.00240	.013764	1.000	-.04147	.04627
	P1 25	-.13130*	.013764	.000	-.17517	-.08743
	P2 25	-.13470*	.013764	.000	-.17857	-.09083
	P1 50	-.14190*	.013764	.000	-.18577	-.09803
	P2 50	-.14390*	.013764	.000	-.18777	-.10003
P1 50	K 1	.19690*	.013764	.000	.15303	.24077
	P1 1	.19690*	.013764	.000	.15303	.24077
	P2 1	.19690*	.013764	.000	.15303	.24077
	K 25	.14430*	.013764	.000	.10043	.18817
	P1 25	.01060	.013764	.997	-.03327	.05447
	P2 25	.00720	.013764	1.000	-.03667	.05107
	K 50	.14190*	.013764	.000	.09803	.18577
	P2 50	-.00200	.013764	1.000	-.04587	.04187
P2 50	K 1	.19890*	.013764	.000	.15503	.24277
	P1 1	.19890*	.013764	.000	.15503	.24277
	P2 1	.19890*	.013764	.000	.15503	.24277
	K 25	.14630*	.013764	.000	.10243	.19017
	P1 25	.01260	.013764	.991	-.03127	.05647
	P2 25	.00920	.013764	.999	-.03467	.05307
	K 50	.14390*	.013764	.000	.10003	.18777
	P1 50	.00200	.013764	1.000	-.04187	.04587

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

Homogeneous Subsets

Cr

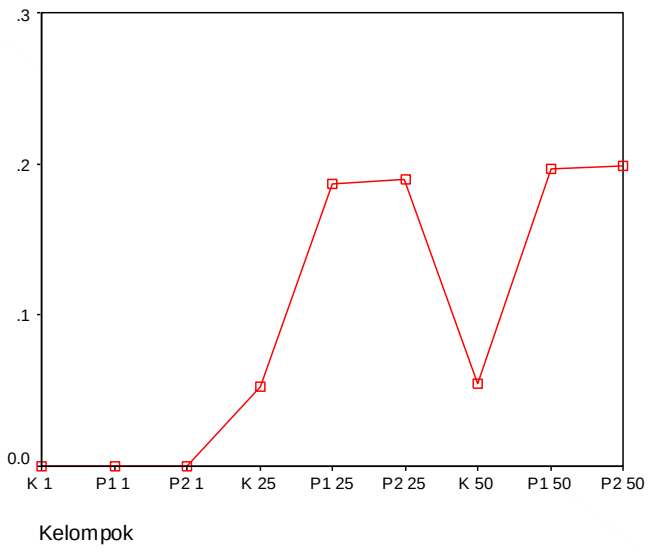
Tukey HSD[a]

Kelompok	N	Subset for alpha = .05		
		1	2	3
K 1	10	.00000		
P1 1	10	.00000		
P2 1	10	.00000		
K 25	10		.05260	
K 50	10		.05500	
P1 25	10			.18630
P2 25	10			.18970
P1 50	10			.19690
P2 50	10			.19890
Sig.		1.000	1.000	.991

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10.000.

Means Plots



Uji Normalitas

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Ni	.065	90	.200*	.990	90	.754

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Oneway

Descriptives

Ni

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
K 1	10	.00000	.000000	.000000	.00000	.00000	.000	.000
P1 1	10	.00000	.000000	.000000	.00000	.00000	.000	.000
P2 1	10	.00000	.000000	.000000	.00000	.00000	.000	.000
K 25	10	.03500	.008206	.002595	.02913	.04087	.025	.047
P1 25	10	.09460	.009095	.002876	.08809	.10111	.084	.112
P2 25	10	.09820	.011989	.003791	.08962	.10678	.081	.122
K 50	10	.03590	.008198	.002593	.03004	.04176	.026	.049
P1 50	10	.09810	.008888	.002810	.09174	.10446	.088	.115
P2 50	10	.10520	.013742	.004346	.09537	.11503	.087	.128
Total	90	.05189	.045135	.004758	.04244	.06134	.000	.128

Test of Homogeneity of Variances

Ni

Levene Statistic	df1	df2	Sig.
.788	8	81	.615

ANOVA

Ni

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.176	8	.022	314.244	.000
Within Groups	.006	81	.000		
Total	.181	89			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Ni

Tukey HSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
K 1	P1 1	.00000	.003738	1.000	-.01191	.01191
	P2 1	.00000	.003738	1.000	-.01191	.01191
	K 25	-.03500*	.003738	.000	-.04691	-.02309
	P1 25	-.09460*	.003738	.000	-.10651	-.08269
	P2 25	-.09820*	.003738	.000	-.11011	-.08629
	K 50	-.03590*	.003738	.000	-.04781	-.02399
	P1 50	-.09810*	.003738	.000	-.11001	-.08619
	P2 50	-.10520*	.003738	.000	-.11711	-.09329
P1 1	K 1	.00000	.003738	1.000	-.01191	.01191
	P2 1	.00000	.003738	1.000	-.01191	.01191
	K 25	-.03500*	.003738	.000	-.04691	-.02309
	P1 25	-.09460*	.003738	.000	-.10651	-.08269
	P2 25	-.09820*	.003738	.000	-.11011	-.08629
	K 50	-.03590*	.003738	.000	-.04781	-.02399
	P1 50	-.09810*	.003738	.000	-.11001	-.08619
	P2 50	-.10520*	.003738	.000	-.11711	-.09329
P2 1	K 1	.00000	.003738	1.000	-.01191	.01191
	P1 1	.00000	.003738	1.000	-.01191	.01191
	K 25	-.03500*	.003738	.000	-.04691	-.02309
	P1 25	-.09460*	.003738	.000	-.10651	-.08269
	P2 25	-.09820*	.003738	.000	-.11011	-.08629
	K 50	-.03590*	.003738	.000	-.04781	-.02399
	P1 50	-.09810*	.003738	.000	-.11001	-.08619
	P2 50	-.10520*	.003738	.000	-.11711	-.09329
K 25	K 1	.03500*	.003738	.000	.02309	.04691
	P1 1	.03500*	.003738	.000	.02309	.04691
	P2 1	.03500*	.003738	.000	.02309	.04691
	P1 25	-.05960*	.003738	.000	-.07151	-.04769
	P2 25	-.06320*	.003738	.000	-.07511	-.05129
	K 50	-.00090	.003738	1.000	-.01281	.01101
	P1 50	-.06310*	.003738	.000	-.07501	-.05119
	P2 50	-.07020*	.003738	.000	-.08211	-.05829
P1 25	K 1	.09460*	.003738	.000	.08269	.10651
	P1 1	.09460*	.003738	.000	.08269	.10651
	P2 1	.09460*	.003738	.000	.08269	.10651
	K 25	.05960*	.003738	.000	.04769	.07151
	P2 25	-.00360	.003738	.988	-.01551	.00831
	K 50	.05870*	.003738	.000	.04679	.07061
	P1 50	-.00350	.003738	.990	-.01541	.00841
	P2 50	-.01060	.003738	.121	-.02251	.00131
P2 25	K 1	.09820*	.003738	.000	.08629	.11011
	P1 1	.09820*	.003738	.000	.08629	.11011
	P2 1	.09820*	.003738	.000	.08629	.11011
	K 25	.06320*	.003738	.000	.05129	.07511
	P1 25	.00360	.003738	.988	-.00831	.01551
	K 50	.06230*	.003738	.000	.05039	.07421
	P1 50	.00010	.003738	1.000	-.01181	.01201
	P2 50	-.00700	.003738	.634	-.01891	.00491
K 50	K 1	.03590*	.003738	.000	.02399	.04781
	P1 1	.03590*	.003738	.000	.02399	.04781
	P2 1	.03590*	.003738	.000	.02399	.04781
	K 25	.00090	.003738	1.000	-.01101	.01281
	P1 25	-.05870*	.003738	.000	-.07061	-.04679
	P2 25	-.06230*	.003738	.000	-.07421	-.05039
	P1 50	-.06220*	.003738	.000	-.07411	-.05029
	P2 50	-.06930*	.003738	.000	-.08121	-.05739
P1 50	K 1	.09810*	.003738	.000	.08619	.11001
	P1 1	.09810*	.003738	.000	.08619	.11001
	P2 1	.09810*	.003738	.000	.08619	.11001
	K 25	.06310*	.003738	.000	.05119	.07501
	P1 25	.00350	.003738	.990	-.00841	.01541
	P2 25	-.00010	.003738	1.000	-.01201	.01181
	K 50	.06220*	.003738	.000	.05029	.07411
	P2 50	-.00710	.003738	.616	-.01901	.00481
P2 50	K 1	.10520*	.003738	.000	.09329	.11711
	P1 1	.10520*	.003738	.000	.09329	.11711
	P2 1	.10520*	.003738	.000	.09329	.11711
	K 25	.07020*	.003738	.000	.05829	.08211
	P1 25	.01060	.003738	.121	-.00131	.02251
	P2 25	.00700	.003738	.634	-.00491	.01891
	K 50	.06930*	.003738	.000	.05739	.08121
	P1 50	.00710	.003738	.616	-.00481	.01901

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

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Homogeneous Subsets

Ni

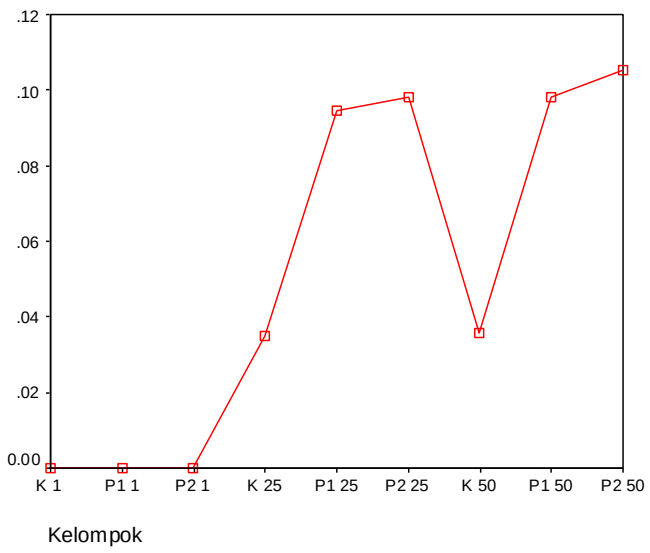
Tukey HSD[a]

Kelompok	N	Subset for alpha = .05		
		1	2	3
K 1	10	.00000		
P1 1	10	.00000		
P2 1	10	.00000		
K 25	10		.03500	
K 50	10		.03590	
P1 25	10			.09460
P1 50	10			.09810
P2 25	10			.09820
P2 50	10			.10520
Sig.		1.000	1.000	.121

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10.000.

Means Plots



Correlations (K)

Correlations

		Hari	Cr
Hari	Pearson Correlation	1	.872**
	Sig. (2-tailed)	.	.000
	N	30	30
Cr	Pearson Correlation	.872**	1
	Sig. (2-tailed)	.000	.
	N	30	30

**. Correlation is significant at the 0.01 level

Regression

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.872[a]	.761	.752	.01296

a. Predictors: (Constant), Hari

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.015	1	.015	88.983	.000[a]
	Residual	.005	28	.000		
	Total	.020	29			

a. Predictors: (Constant), Hari

b. Dependent Variable: Cr

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.008	.004		1.994	.056
	Hari	.001	.000	.872	9.433	.000

a. Dependent Variable: Cr

Correlations (K)

Correlations

		Hari	Ni
Hari	Pearson Correlation	1	.814**
	Sig. (2-tailed)	.	.000
	N	30	30
Ni	Pearson Correlation	.814**	1
	Sig. (2-tailed)	.000	.
	N	30	30

**. Correlation is significant at the 0.01 level

Regression

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.814[a]	.663	.651	.01075

a. Predictors: (Constant), Hari

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.006	1	.006	55.087	.000[a]
	Residual	.003	28	.000		
	Total	.010	29			

a. Predictors: (Constant), Hari

b. Dependent Variable: Ni

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.005	.003		1.641	.112
	Hari	.001	.000	.814	7.422	.000

a. Dependent Variable: Ni

Correlations (P1)

Correlations

		Hari	Cr
Hari	Pearson Correlation	1	.818**
	Sig. (2-tailed)	.	.000
	N	30	30
Cr	Pearson Correlation	.818**	1
	Sig. (2-tailed)	.000	.
	N	30	30

**. Correlation is significant at the 0.01 level

Regression

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.818[a]	.670	.658	.05809

a. Predictors: (Constant), Hari

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.191	1	.191	56.745	.000[a]
	Residual	.094	28	.003		
	Total	.286	29			

a. Predictors: (Constant), Hari

b. Dependent Variable: Cr

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.027	.017		1.552	.132
	Hari	.004	.001	.818	7.533	.000

a. Dependent Variable: Cr

Correlations (P1)

Correlations

		Hari	Ni
Hari	Pearson Correlation	1	.866**
	Sig. (2-tailed)	.	.000
	N	30	30
Ni	Pearson Correlation	.866**	1
	Sig. (2-tailed)	.000	.
	N	30	30

**. Correlation is significant at the 0.01 level

Regression

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.866[a]	.749	.740	.02383

a. Predictors: (Constant), Hari

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.048	1	.048	83.658	.000[a]
	Residual	.016	28	.001		
	Total	.063	29			

a. Predictors: (Constant), Hari

b. Dependent Variable: Ni

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.014	.007		1.972	.059
	Hari	.002	.000	.866	9.146	.000

a. Dependent Variable: Ni

Correlations (P2)

Correlations

		Hari	Cr
Hari	Pearson Correlation	1	.824**
	Sig. (2-tailed)	.	.000
	N	30	30
Cr	Pearson Correlation	.824**	1
	Sig. (2-tailed)	.000	.
	N	30	30

**. Correlation is significant at the 0.01 level

Regression

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.824[a]	.679	.667	.05748

a. Predictors: (Constant), Hari

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.195	1	.195	59.119	.000[a]
	Residual	.093	28	.003		
	Total	.288	29			

a. Predictors: (Constant), Hari

b. Dependent Variable: Cr

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.027	.017		1.615	.118
	Hari	.004	.001	.824	7.689	.000

a. Dependent Variable: Cr

Correlations (P2)

Correlations

		Hari	Ni
Hari	Pearson Correlation	1	.870**
	Sig. (2-tailed)	.	.000
	N	30	30
Ni	Pearson Correlation	.870**	1
	Sig. (2-tailed)	.000	.
	N	30	30

**. Correlation is significant at the 0.01 level

Regression

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.870[a]	.757	.749	.02501

a. Predictors: (Constant), Hari

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.055	1	.055	87.413	.000[a]
	Residual	.018	28	.001		
	Total	.072	29			

a. Predictors: (Constant), Hari

b. Dependent Variable: Ni

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.014	.007		1.865	.073
	Hari	.002	.000	.870	9.350	.000

a. Dependent Variable: Ni

Lampiran 4 Foto Penelitian

Persiapan alat dan bahan penelitian







Pengukuran dan pemotongan kawat sepanjang 60 mm

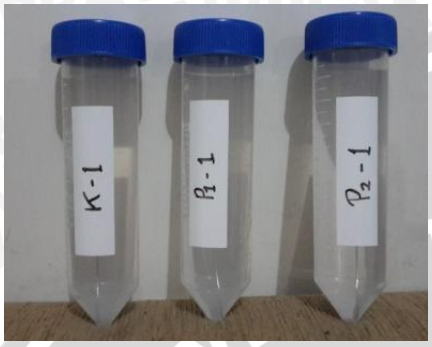




Pengukuran pH saliva dan minuman isotonik



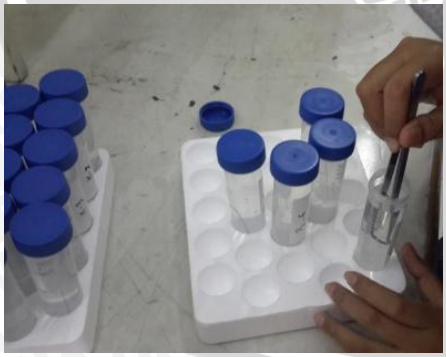
Perendaman 10 kawat dalam 50 ml saliva buatan, 10 kawat dalam 25 ml saliva buatan + 25 ml Pocari Sweat dan 10 kawat dalam 25 ml saliva buatan + 25 ml Mizone



Penyimpanan sampel dalam inkubator



Pemisahan sampel dari media perendaman



Pengukuran ion Ni dan Cr dengan alat AAS

