

Lampiran 1
Surat Lolos Uji Etik Penelitian



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FAKULTAS KEDOKTERAN GIGI

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SURAT KETERANGAN

Nomor : 69/Etichal Clearance/II/FGGUI/2008

Setelah membaca dan mempelajari usulan penelitian nomor 69/Etichal Clearance/II/FGGUI/2008 tertanggal 10 April 2008, di Fakultas Kedokteran Gigi Universitas Indonesia

Atas nama : **drg. Ratna Farida, M.Phil**

Judul : The Effects of Xylitol on Dental Pulp Cells

Penelitian ini menggunakan sampel pulpa gigi utuh yang baru diekstraksi di bagian Bedah Mulut RSGMP FKGUI dengan indikasi ekstraksi untuk perawatan ortodontik.

Komisi Etik Penelitian Fakultas Kedokteran Gigi Universitas Indonesia dapat mengeluarkan surat lolos etik untuk penelitian tersebut diatas.

Jakarta 11 April 2008

Mengetahui
Dekan,

Prof. Drg. Bambang Irawan, PhD
NIP 130 870 092

Komisi Etik Penelitian
Ketua,

Dr. Drg. Ellyza Herda, MSi
NIP 131 285 179

Tabel. Konsentrasi Protein Total Medium Kultur Sel-sel Pulpa Gigi

No.	Kelompok	Protein Total ($\mu\text{g/ml}$)
1.	Kontrol	28044,980
2.	Kontrol	32530,278
3.	Kontrol	34684,351
4.	Kontrol	32138,622
5.	Kontrol	39579,981
6.	Xylitol 2%	23441,078
7.	Xylitol 2%	25245,429
8.	Xylitol 2%	21456,294
9.	Xylitol 2%	23389,904
10.	Xylitol 2%	27735,826
11.	Xylitol 4%	21997,593
12.	Xylitol 4%	22899,779
13.	Xylitol 4%	21095,417
14.	Xylitol 4%	22899,768
15.	Xylitol 4%	20734,541
16.	Xylitol 8%	21095,417
17.	Xylitol 8%	25064,996
18.	Xylitol 8%	30209,128
19.	Xylitol 16%	33919,075
20.	Xylitol 16%	22934,864
21.	Xylitol 16%	19997,497
22.	Xylitol 16%	29788,739
23.	Xylitol 16%	24893,109

Lampiran 3 Hasil Uji Statistik

Tests of Normality							
Konsentrasi Protein	Konsentrasi Xylitol	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Konsentrasi Protein	Xylitol Kontrol	,183	5	,200*	,968	5	,860
	Xylitol 2%	,235	5	,200*	,956	5	,780
	Xylitol 4%	,235	5	,200*	,876	5	,292
	Xylitol 8%	,201	3	.	,994	3	,858
	Xylitol 16%	,201	5	,200*	,965	5	,844

*. This is a lower bound of the true significance.
a. Lilliefors Significance Correction

Test of Homogeneity of Variances			
Konsentrasi Protein			
Levene Statistic	df1	df2	Sig.
2,451	4	18	,083

Multiple Comparisons						
Dependent Variable: Konsentrasi Protein						
LSD						
(I) Konsentrasi Xylitol	(J) Konsentrasi Xylitol	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Xylitol Kontrol	Xylitol 2%	9141,93620*	2413,956	,001	4070,4024	14213,4700
	Xylitol 4%	11470,223*	2413,956	,000	6398,6890	16541,7566
	Xylitol 8%	7939,12873*	2787,397	,011	2083,0260	13795,2315
	Xylitol 16%	7088,98560*	2413,956	,009	2017,4518	12160,5194
Xylitol 2%	Xylitol Kontrol	-9141,9362*	2413,956	,001	-14213,4700	-4070,4024
	Xylitol 4%	2328,28660	2413,956	,348	-2743,2472	7399,8204
	Xylitol 8%	-1202,8075	2787,397	,671	-7058,9102	4653,2953
	Xylitol 16%	-2052,9506	2413,956	,406	-7124,4844	3018,5832
Xylitol 4%	Xylitol Kontrol	-11470,223*	2413,956	,000	-16541,7566	-6398,6890
	Xylitol 2%	-2328,2866	2413,956	,348	-7399,8204	2743,2472
	Xylitol 8%	-3531,0941	2787,397	,221	-9387,1968	2325,0087
	Xylitol 16%	-4381,2372	2413,956	,086	-9452,7710	690,2966
Xylitol 8%	Xylitol Kontrol	-7939,1287*	2787,397	,011	-13795,2315	-2083,0260
	Xylitol 2%	1202,80747	2787,397	,671	-4653,2953	7058,9102
	Xylitol 4%	3531,09407	2787,397	,221	-2325,0087	9387,1968
	Xylitol 16%	-850,14313	2787,397	,764	-6706,2459	5005,9596
Xylitol 16%	Xylitol Kontrol	-7088,9856*	2413,956	,009	-12160,5194	-2017,4518
	Xylitol 2%	2052,95060	2413,956	,406	-3018,5832	7124,4844
	Xylitol 4%	4381,23720	2413,956	,086	-690,2966	9452,7710
	Xylitol 8%	850,14313	2787,397	,764	-5005,9596	6706,2459

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

Lampiran 4
Dokumentasi



Gambar 1. Sub-kultur Sel-sel Pulpa Gigi pada 24 well plate



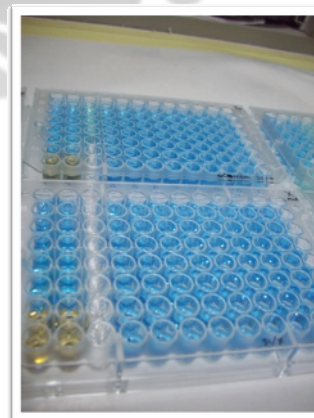
Gambar 2. pH Meter, stir plate dan DMEM



Gambar 3. Sentrifuge



Gambar 4. Penambahan Larutan Bradford



Gambar 5. Reaksi Sampel Protein dengan CBBG



Gambar 6. Metode SDS PAGE



Gambar 7. *Silver Staining Kit*



Gambar 8. Foto Bersama Kelompok Skripsi, Pembimbing dan Penguji Usai Sidang Skripsi