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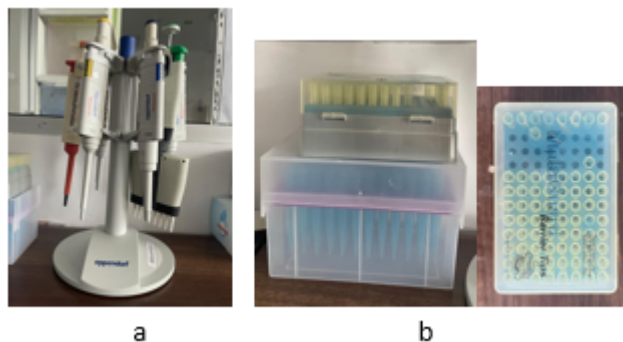
LAMPIRAN



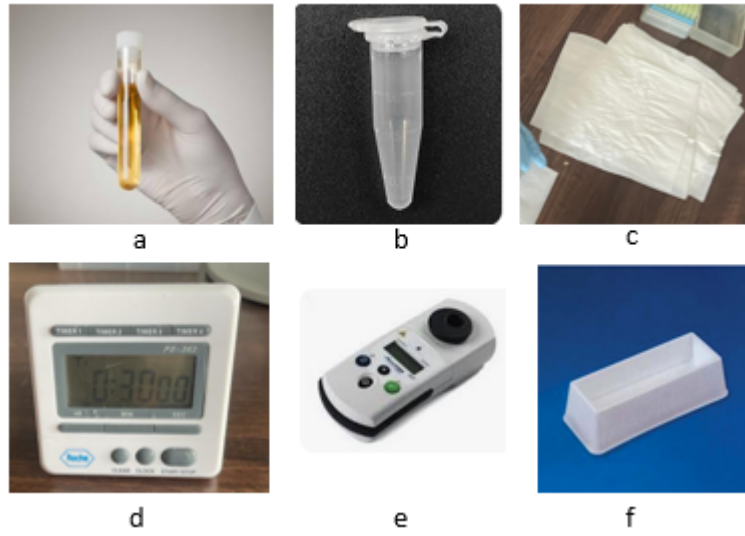
Gambar 1: alat dan bahan penelitian: mosquito, *ligature cutter plier*, *hard cutter plier*, *bracket holder*, cawan petri, braket logam, braket keramik, *coated archwire*, *uncoated archwire*, *ligature wire*.



Gambar 2: *Microplate*



Gambar 3: a. *Micropipet* dan *multichannel micropipet*, b Tips pipet 10-100 dan 1000 μL



Gambar 4: a. Tabung vitex, b. *Eppendorf*, c. *Absorbent paper*, d. *Timer digital*, e. *Densi check*, f. *Reagent reservoir*



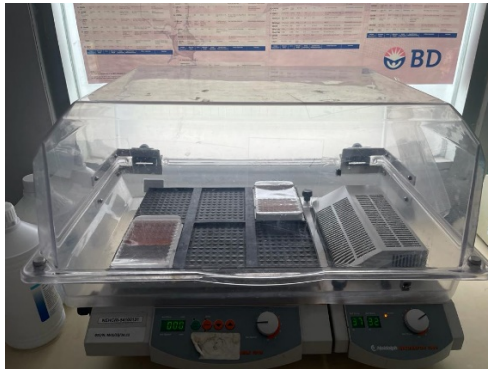
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Gambar 6. Autoclave



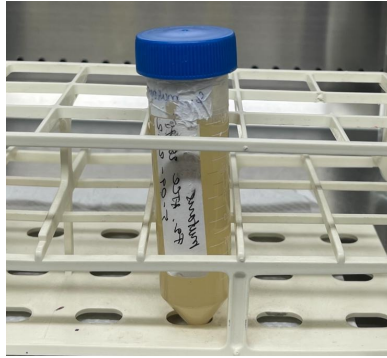
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Gambar 8. Inkubator + vibrator



Gambar 9. Bio Safety Cabinet (BSC)



Gambar 10. Isolat *Streptococcus mutans* ATCC25175

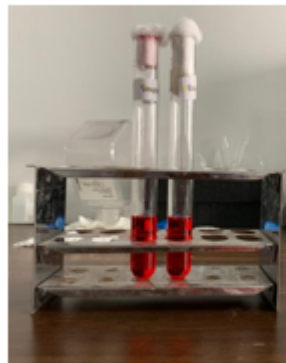


a



b

Gambar 11. a. *Crystal violet*, b. Larutan PBS



a

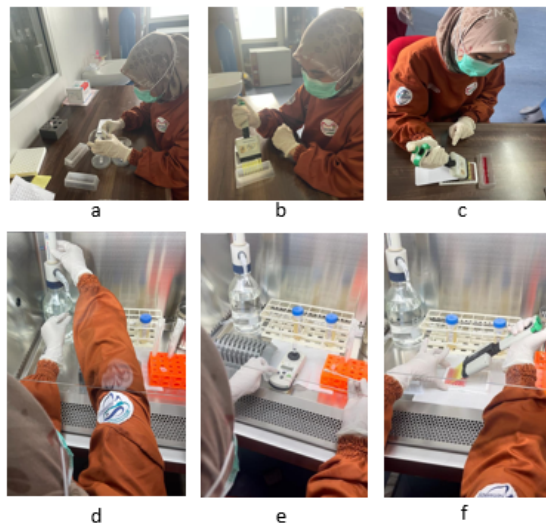


b

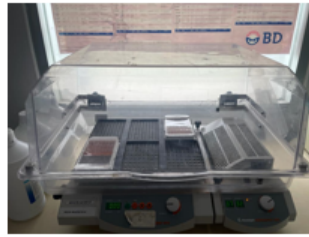
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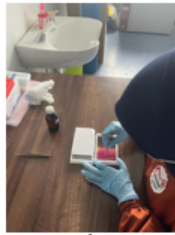
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Gambar 14. a. Memasukkan braket-*archwire* masing-masing kelompok kedalam *microplate*, b. Menambahkan saliva buatan, c. Menambahkan sukrosa, d,e,f. Menambahkan isolat bakteri *Streptococcus mutans*



a



b



c



d

Gambar 15. a. Inkubasi dengan menggunakan *microplate* selama 37°C selama 24 jam, *dishake* sebesar 150 rpm, b. Sampel dikeluarkan dari *microplate*, c. dicuci dengan larutan PBS selama 2 menit, sebanyak 5 kali pencucian, dikeringkan dengan *absobent paper*, d. Pewarnaan dengan *crystal violet*



a



b



c

Gambar 16. a. inkubasi 37°C selama 30 menit pada suasana gelap di dalam inkubator, b. Masukkan *extraction solution* ke dalam *microplate*, c. masukkan ke *Elisa Reader* untuk pembacaan hasil.



Gambar 17. Sertifikat bakteri *Streptococcus mutans* berdasarkan standar *American Type Culture Collection* (ATCC)

Test of Normality

Shapiro-Wilk

	Kelompok	Statistic	df	Sig.
Perlekatan	Sampel 1	.808	10	.018
	Sampel 2	.927	10	.418
	Sampel 3	.703	10	.001
	Sampel 4	.957	10	.747

* This is a lower bound of the true significance

a. Lilliefors Significance Correction

Kelompok	Perlekatan					Nilai p
	Mean	SD	Median	Minimum	Maximum	
Sampel 1	0.42	0.17	0.41	0.22	0.63	0.004
Sampel 2	0.54	0.09	0.55	0.37	0.65	
Sampel 3	0.69	0.34	0.63	0.42	1.59	
Sampel 4	0.72	0.15	0.72	0.43	0.95	

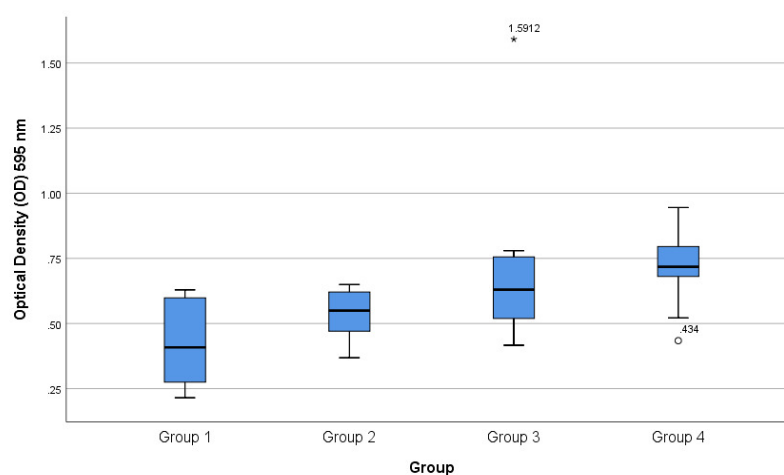
*Uji Kruskal Wallis

Kelompok		Mean Difference	Nilai p	CI 95%	
				Lower Bound	Upper Bound
Sampel 1	Sampel 2	-0.12	0.131	-0.31	0.07
	Sampel 3	-0.27	0.023	-0.46	-0.08
	Sampel 4	-0.29	0.002	-0.48	-0.10
Sampel 2	Sampel 3	-0.15	0.290	-0.34	-0.04
	Sampel 4	0.17	0.008	-0.02	0.37
Sampel 3	Sampel 4	0.02	0.151	-0.17	0.22

* *Mann-Whitney (Post Hoc)*

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Perlekatan	Based on Mean	1.669	4	43	.175
	Based on Median	1.050	4	43	.393
	Based on Median and with adjusted df	1.050	4	14.170	.416
	Based on trimmed mean	1.263	4	43	.299



18. Hasil analisis data penelitian SPSS