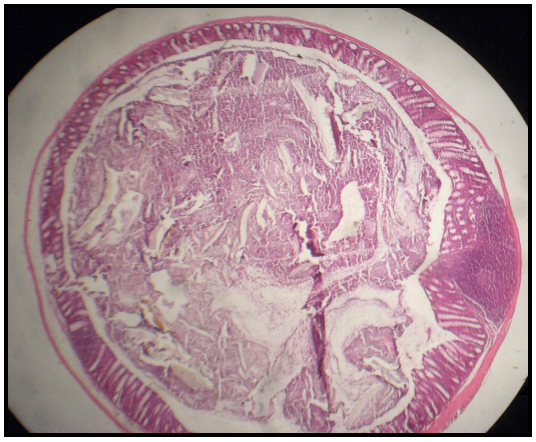
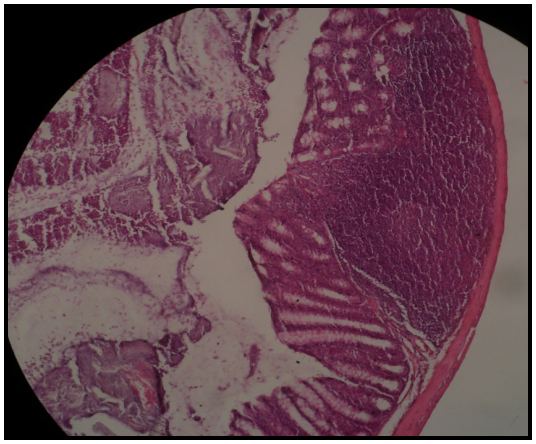
Lampiran 1

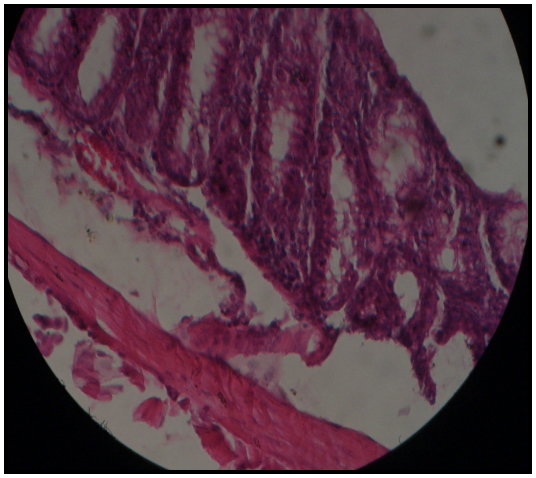
Jaringan Usus Mencit Kelompok Kontrol Negatif



Mukosa normal



Nodus Limfatikus

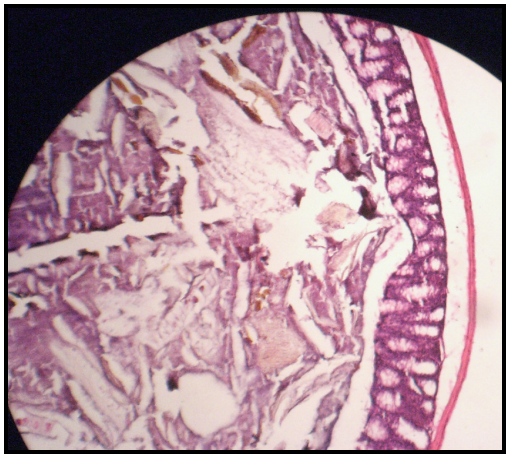


Mukosa dengan Sel Goblet

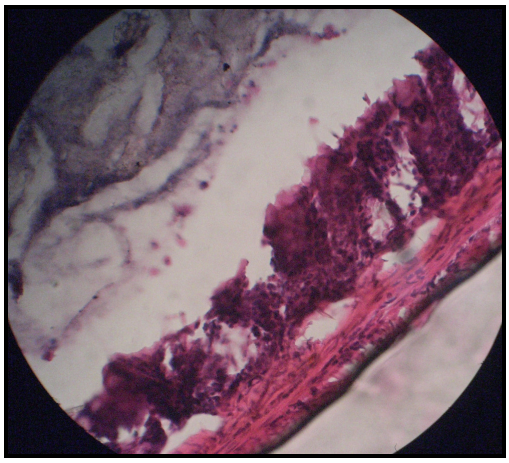
Lampiran 2

Jaringan Usus Mencit Kelompok I

Dinding sangat tipis



Mukosa sangat tipis dengan Sel Goblet



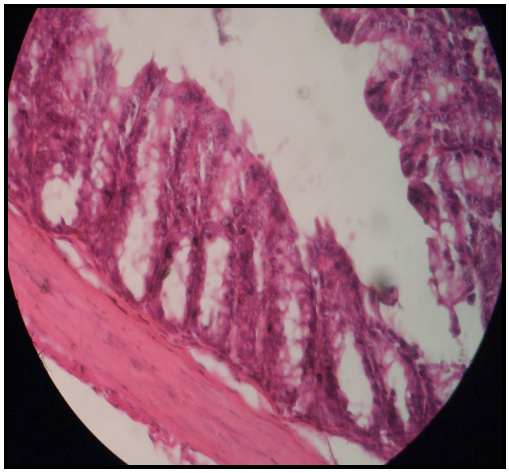
Mukosa mengalami ulserasi

Lampiran 3

Jaringan Usus Mencit Kelompok II

Hiperproliferasi epitel

Hiperproliferasi epitel



Hilang kripta sedang

Lampiran 4

Jaringan Usus Mencit Kelompok III

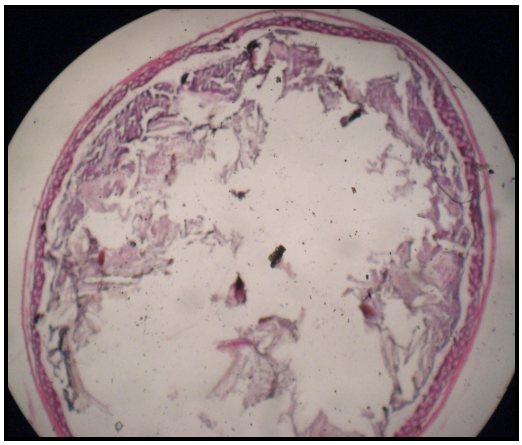
Dinding tebal, mukosa normal

Dinding tebal, mukosa normal

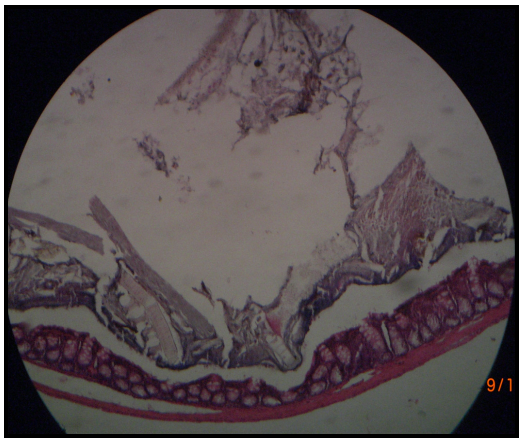
Mukosa normal dengan Sel Goblet

Lampiran 5

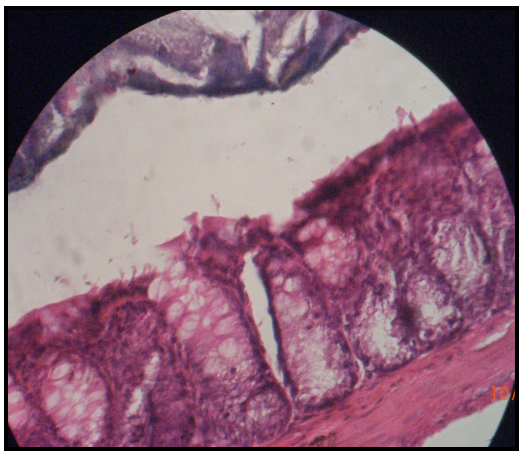
Jaringan Usus Mencit Kelompok IV



Dinding tipis



Dinding tipis

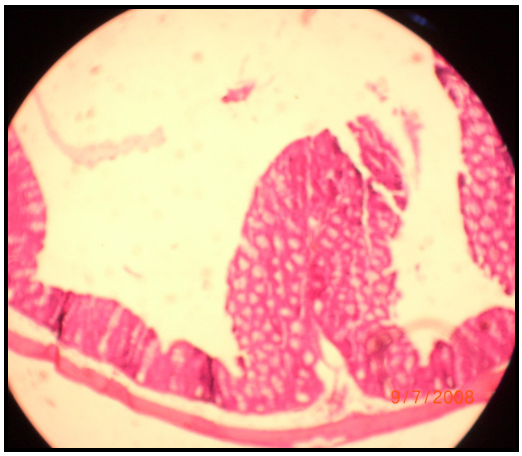


Mukosa normal dengan Sel Goblet

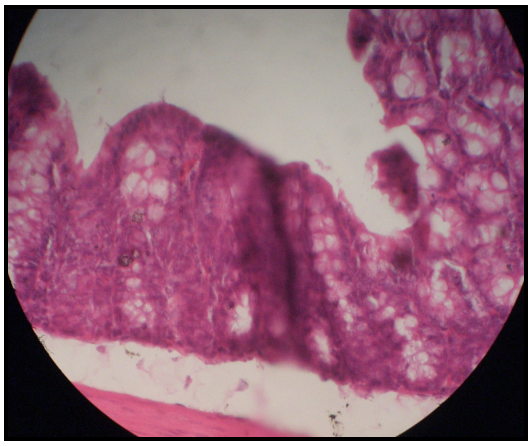
Lampiran 6

Jaringan Usus Mencit Kelompok V

Hiperproliferasi epitel



Hiperproliferasi epitel



Hilang kripta sedang

Lampiran 7
Perhitungan Statistik SPSS 13.0

Data Berat Badan Setelah Perlakuan

Oneway

Descriptives

HasilDSS

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol NEG	5	27.734000	.3154392	.1410687	27.342331	28.125669	27.3800	28.1525
DSS	5	23.905000	.5821029	.2603243	23.182224	24.627776	23.1975	24.8125
BM	5	17.812000	.3697313	.1653489	17.352918	18.271082	17.3625	18.3675
P1	5	27.945600	.3445966	.1541083	27.517727	28.373473	27.4780	28.4400
P2	5	25.793500	.6161108	.2755331	25.028497	26.558503	24.8825	26.4850
P3	5	22.410000	.3814938	.1706092	21.936313	22.883687	21.9625	22.9075
Total	30	24.266683	3.5744314	.6525989	22.931969	25.601398	17.3625	28.4400

Test of Homogeneity of Variances

HasilDSS

Levene Statistic	df1	df2	Sig.
.604	5	24	.697

ANOVA

HasilDSS

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	365.645	5	73.129	359.968	.000
Within Groups	4.876	24	.203		
Total	370.520	29			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: HasilDSS
Tukey HSD

(I) PerlakuanDSS	(J) PerlakuanDSS	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
KontrolNEG	DSS	3.8290000*	.2850642	.000	2.947601	4.710399
	BM	9.9220000*	.2850642	.000	9.040601	10.803399
	P1	-.2116000	.2850642	.974	-1.092999	.669799
	P2	1.9405000*	.2850642	.000	1.059101	2.821899
	P3	5.3240000*	.2850642	.000	4.442601	6.205399
DSS	KontrolNEG	-3.8290000*	.2850642	.000	-4.710399	-2.947601
	BM	6.0930000*	.2850642	.000	5.211601	6.974399
	P1	-4.0406000*	.2850642	.000	-4.921999	-3.159201
	P2	-1.8885000*	.2850642	.000	-2.769899	-1.007101
	P3	1.4950000*	.2850642	.000	.613601	2.376399
BM	KontrolNEG	-9.9220000*	.2850642	.000	-10.803399	-9.040601
	DSS	-6.0930000*	.2850642	.000	-6.974399	-5.211601
	P1	-10.133600*	.2850642	.000	-11.014999	-9.252201
	P2	-7.9815000*	.2850642	.000	-8.862899	-7.100101
	P3	-4.5980000*	.2850642	.000	-5.479399	-3.716601
P1	KontrolNEG	.2116000	.2850642	.974	-.669799	1.092999
	DSS	4.0406000*	.2850642	.000	3.159201	4.921999
	BM	10.1336000*	.2850642	.000	9.252201	11.014999
	P2	2.1521000*	.2850642	.000	1.270701	3.033499
	P3	5.5356000*	.2850642	.000	4.654201	6.416999
P2	KontrolNEG	-1.9405000*	.2850642	.000	-2.821899	-1.059101
	DSS	1.8885000*	.2850642	.000	1.007101	2.769899
	BM	7.9815000*	.2850642	.000	7.100101	8.862899
	P1	-2.1521000*	.2850642	.000	-3.033499	-1.270701
	P3	3.3835000*	.2850642	.000	2.502101	4.264899
P3	KontrolNEG	-5.3240000*	.2850642	.000	-6.205399	-4.442601
	DSS	-1.4950000*	.2850642	.000	-2.376399	-.613601
	BM	4.5980000*	.2850642	.000	3.716601	5.479399
	P1	-5.5356000*	.2850642	.000	-6.416999	-4.654201
	P2	-3.3835000*	.2850642	.000	-4.264899	-2.502101

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

Homogeneous Subsets

HasilDSS

Tukey HSD[a]

Perlakuan DSS	N	Subset for alpha = .05				
		1	2	3	4	5
BM	5	17.812000				
P3	5		22.410000			
DSS	5			23.905000		
P2	5				25.793500	
KontrolNEG	5					27.734000
P1	5					27.945600
Sig.		1.000	1.000	1.000	1.000	.974

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 8
Perhitungan Statistik SPSS 13.0

Clinical Score Colitis

Oneway

Descriptives

Hasil

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
KontrolNEG	10	.0500	.15811	.05000	-.0631	.1631	.00	.50
DSS	10	1.6750	.89791	.28395	1.0327	2.3173	.00	2.50
BM	10	.1500	.24152	.07638	-.0228	.3228	.00	.50
P1	10	1.4200	.89169	.28198	.7821	2.0579	.00	2.20
P2	10	.3500	.33747	.10672	.1086	.5914	.00	1.00
P3	10	.4500	.59861	.18930	.0218	.8782	.00	2.00
Total	60	.6825	.85553	.11045	.4615	.9035	.00	2.50

Test of Homogeneity of Variances

Hasil

Levene Statistic	df1	df2	Sig.
6.214	5	54	.000

ANOVA

Hasil

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	23.772	5	4.754	13.225	.000
Within Groups	19.412	54	.359		
Total	43.184	59			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Hasil
Tukey HSD

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
KontrolNEG	DSS	-1.62500*	.26814	.000	-2.4172	-.8328
	BM	-.10000	.26814	.999	-.8922	.6922
	P1	-1.37000*	.26814	.000	-2.1622	-.5778
	P2	-.30000	.26814	.871	-1.0922	.4922
	P3	-.40000	.26814	.671	-1.1922	.3922
DSS	KontrolNEG	1.62500*	.26814	.000	.8328	2.4172
	BM	1.52500*	.26814	.000	.7328	2.3172
	P1	.25500	.26814	.931	-.5372	1.0472
	P2	1.32500*	.26814	.000	.5328	2.1172
	P3	1.22500*	.26814	.000	.4328	2.0172
BM	KontrolNEG	.10000	.26814	.999	-.6922	.8922
	DSS	-1.52500*	.26814	.000	-2.3172	-.7328
	P1	-1.27000*	.26814	.000	-2.0622	-.4778
	P2	-.20000	.26814	.975	-.9922	.5922
	P3	-.30000	.26814	.871	-1.0922	.4922
P1	KontrolNEG	1.37000*	.26814	.000	.5778	2.1622
	DSS	-.25500	.26814	.931	-1.0472	.5372
	BM	1.27000*	.26814	.000	.4778	2.0622
	P2	1.07000*	.26814	.003	.2778	1.8622
	P3	.97000*	.26814	.008	.1778	1.7622
P2	KontrolNEG	.30000	.26814	.871	-.4922	1.0922
	DSS	-1.32500*	.26814	.000	-2.1172	-.5328
	BM	.20000	.26814	.975	-.5922	.9922
	P1	-1.07000*	.26814	.003	-1.8622	-.2778
	P3	-.10000	.26814	.999	-.8922	.6922
P3	KontrolNEG	.40000	.26814	.671	-.3922	1.1922
	DSS	-1.22500*	.26814	.000	-2.0172	-.4328
	BM	.30000	.26814	.871	-.4922	1.0922
	P1	-.97000*	.26814	.008	-1.7622	-.1778
	P2	.10000	.26814	.999	-.6922	.8922

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

Homogeneous Subsets

Hasil

Tukey HSD [a]

Perlakuan	N	Subset for alpha = .05	
		1	2
Kontrol NEG	10	.0500	
BM	10	.1500	
P2	10	.3500	
P3	10	.4500	
P1	10		1.4200
DSS	10		1.6750
Sig.		.671	.931

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10.000.

Lampiran 9

Perhitungan Dosis

- **Dosis Buah Merah**

  Dosis manusia 70 kg = 30 cc

  Dosis untuk mencit 20 g = 30 cc x 0,0026 = 0,078 cc

  Dosis untuk mencit 24 g = $\frac{24}{20}$ x 0,078 cc = 0,0936 cc ≈ 0,1 cc

- **Dextran Sulphate Sodium**

  Garam DSS yang dipakai adalah 2,5 g dilarutkan dengan aquadest 100 ml sehingga didapatkan larutan DSS 2,5%.

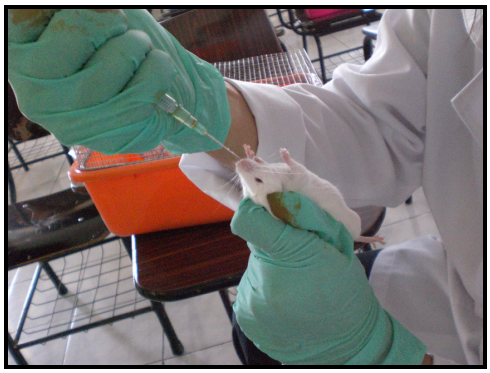
  Larutan ini diberikan melalui air minum pada mencit.

Lampiran 10

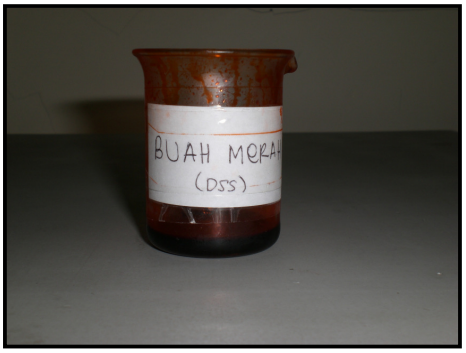
Alat-alat yang Digunakan

Kandang mencit

Penimbangan Berat Badan Mencit



Pemberian Zat uji per sonde



Ekstrak Buah Merah

Lampiran 11
Pembuatan Blok Parafin

Proses Embedding

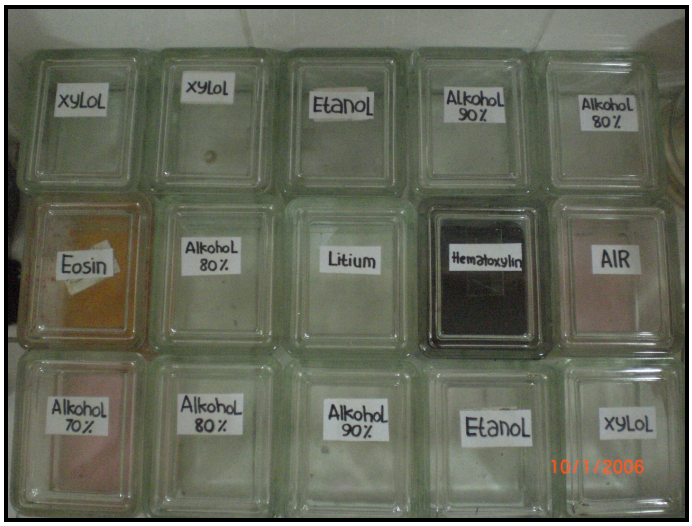
Inkubator

Persiapan Lilin Parafin

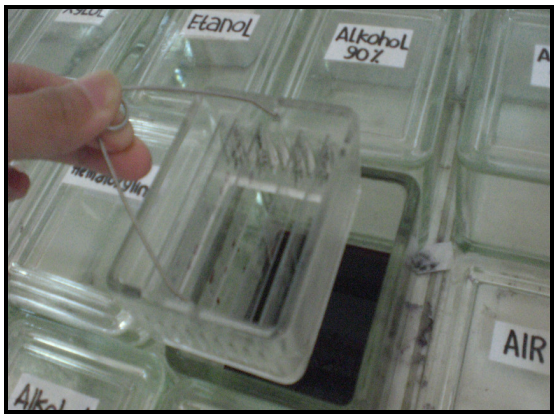
Persiapan Pembuatan Blok Parafin

Blok Parafin

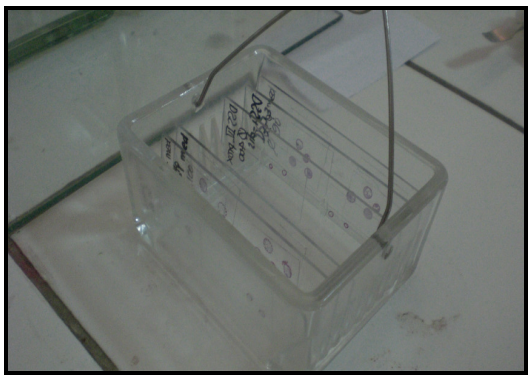
Lampiran 12
Pewarnaan Preparat dengan Pewarnaan *Hematoxyline Eosin* (HE)

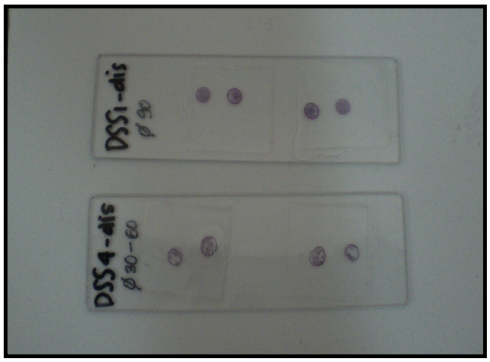


Zat-zat Pewarnaan HE



Pewarnaan Preparat


Hasil Pewarnaan Preparat



RIWAYAT HIDUP

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- SD Maria Bintang Laut Bandung (1993-1999)
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- SMU Santa Angela Bandung (2002-2005)
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Karya Tulis Ilmiah yang Pernah Dibuat :

Pengaruh Pemberian Aluminium sebagai Faktor Resiko Penyakit Alzheimer Terhadap Jaringan Otak Mencit