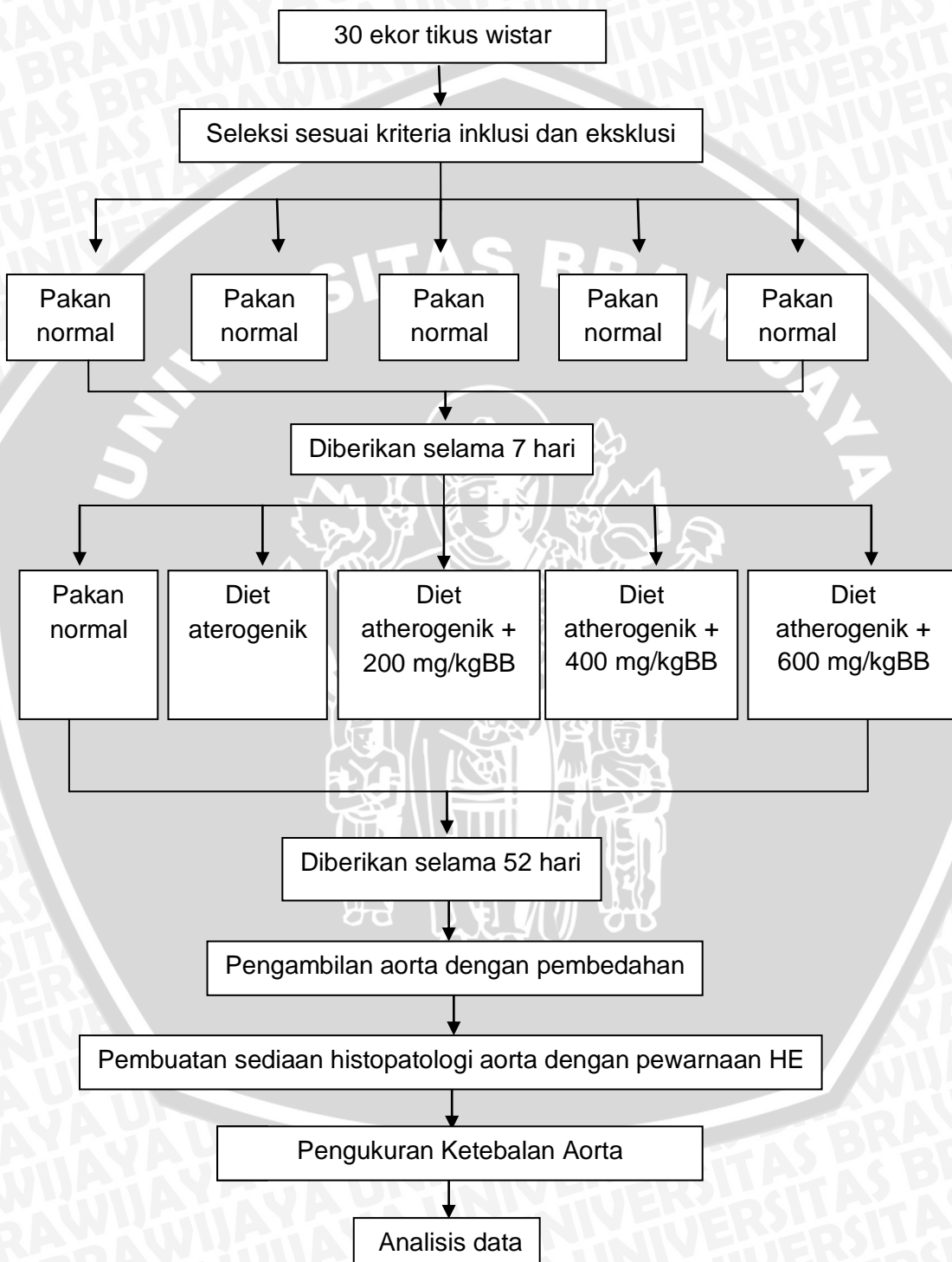


Lampiran 1. Diagram Alur Penelitian



Lampiran 2. Hasil Analisis Data Asupan Pakan Diet Aterogenik

Tests of Normality

Kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	Df	Sig.	Statistic	Df	Sig.
Pakan 1	.265	6	.200 [*]	.893	6	.334
2	.205	6	.200 [*]	.931	6	.586
3	.120	6	.200 [*]	.989	6	.987
4	.208	6	.200 [*]	.902	6	.387

a. Lilliefors Significance Correction

Uji Homogenitas

Test of Homogeneity of Variances

Pakan

Levene Statistic	df1	df2	Sig.
.164	3	20	.919

Uji One-Way ANOVA

ANOVA

Pakan	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	119.767	3	39.922	.779	.519
Within Groups	1024.621	20	51.231		
Total	1144.388	23			



Lampiran 3. Hasil Analisis Data Ketebalan Aorta

Rerata Ketebalan Aorta Setelah Perlakuan Selama 8 minggu (μm)

Pengulangan	Ketebalan Aorta				
	K-	K+	P1	P2	P3
1	80	115	85.62	74.38	61.25
2	82.5	102.5	96.25	87.5	75
3	87.5	113.12	86.88	89.38	85.62
4	65	121.12	98.12	81.25	80.63
5	80	118.75	104.38	94.38	80
6	85	119.38	110.62	86.25	87.5
Rerata \pm SD	80 \pm 7.91	114.98 \pm 6.79	96.98 \pm 9.73	85.52 \pm 6.93	78.33 \pm 9.47

Keterangan: K- : diet normal, K+ : diet aterogenik, P1 : diet aterogenik + ekstrak daun bayam 200 mg/kgBB, P2 : diet aterogenik + ekstrak daun bayam 400 mg/kgBB, P3 : diet aterogenik + ekstrak daun bayam 600 mg/kgBB.

Uji Homogenitas

Test of Homogeneity of Variances

TA

Levene Statistic	df1	df2	Sig.
.326	4	25	.858

Uji Normalitas Shapiro-wilk

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	Df	Sig.	Statistic	Df	Sig.
TA	.192	30	.006	.939	30	.085

a. Lilliefors Significance Correction



Uji One-Way ANOVA

ANOVA

TA	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	5532.379	4	1383.095	20.279	.000
Within Groups	1705.114	25	68.205		
Total	7237.493	29			

Post Hoc Tests (Tukey HSD)

Multiple Comparisons

TA

Tukey HSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol Negatif	Kontrol Positif	-34.97917 ^ˆ	4.76811	.000	-48.9825	-20.9758
	Perlakuan 1	-16.97917 ^ˆ	4.76811	.012	-30.9825	-2.9758
	Perlakuan 2	-5.52083	4.76811	.774	-19.5242	8.4825
	Perlakuan 3	1.66583	4.76811	.997	-12.3375	15.6692
Kontrol Positif	Kontrol Negatif	34.97917 [*]	4.76811	.000	20.9758	48.9825
	Perlakuan 1	18.00000 ^ˆ	4.76811	.007	3.9967	32.0033
	Perlakuan 2	29.45833 ^ˆ	4.76811	.000	15.4550	43.4617
	Perlakuan 3	36.64500 ^ˆ	4.76811	.000	22.6417	50.6483
Perlakuan 1	Kontrol Negatif	16.97917 [*]	4.76811	.012	2.9758	30.9825
	Kontrol Positif	-18.00000 ^ˆ	4.76811	.007	-32.0033	-3.9967



	Perlakuan 2	11.45833	4.76811	.148	-2.5450	25.4617
	Perlakuan 3	18.64500	4.76811	.005	4.6417	32.6483
Perlakuan 2	Kontrol Negatif	5.52083	4.76811	.774	-8.4825	19.5242
	Kontrol Positif	-29.45833	4.76811	.000	-43.4617	-15.4550
	Perlakuan 1	-11.45833	4.76811	.148	-25.4617	2.5450
	Perlakuan 3	7.18667	4.76811	.568	-6.8167	21.1900
Perlakuan 3	Kontrol Negatif	-1.66583	4.76811	.997	-15.6692	12.3375
	Kontrol Positif	-36.64500	4.76811	.000	-50.6483	-22.6417
	Perlakuan 1	-18.64500	4.76811	.005	-32.6483	-4.6417
	Perlakuan 2	-7.18667	4.76811	.568	-21.1900	6.8167

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

Hasil Homogeneous Subsets

TA

Tukey HSD

Kelompok	N	Subset for alpha = 0.05		
		1	2	3
Perlakuan 3	6	78.3342		
Kontrol Negatif	6	80.0000		
Perlakuan 2	6	85.5208	85.5208	
Perlakuan 1	6		96.9792	
Kontrol Positif	6			1.1498
Sig.		.568	.148	1.000

Means for groups in homogeneous subsets are displayed.

Uji Korelasi

Correlations

		TA	Kelompok
TA	Pearson Correlation	1	-.859**
	Sig. (1-tailed)		.000
	N	24	24
Kelompok	Pearson Correlation	-.859**	1
	Sig. (1-tailed)	.000	
	N	24	24

** . Correlation is significant at the 0.01 level (1-tailed).

Uji Regresi

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Kelompok ^a	.	Enter

a. All requested variables entered.

b. Dependent Variable: TA

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.859 ^a	.738	.726	8.44650

a. Predictors: (Constant), Kelompok

ANOVA^b

Model		Sum of Squares	Df	Mean Square	F	Sig.
1	Regression	4420.902	1	4420.902	61.967	.000 ^a

Residual	1569.552	22	71.343		
Total	5990.455	23			

a. Predictors: (Constant), Kelompok

b. Dependent Variable: TA

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	136.441	5.666		24.080	.000
	Kelompok	-12.139	1.542	-.859	-7.872	.000

a. Dependent Variable: TA



Lampiran 4

ASUPAN MAKANAN TIKUS

Tanggal 14-28 April 2012

Kelo m- pok	Tanggal															
	14 4 12	15 4 12	16 4 12	17 4 12	18 4 12	19 4 12	20 4 12	21 4 12	22 4 12	23 4 12	24 4 12	25 4 12	26 4 12	27 4 12	28 4 12	
K(-)1	29	27	35	35	38	38	28	38	31	26	21	34	29	29	39	
K(-)2	26	20	35	35	24	38	27	38	22	30	24	36	38	36	41	
K(-)3	21	14	25	17	18	32	20	28	24	19	11	27	28	21	40	
K(-)4	9	7	21	14	13	22	23	19	20	23	12	21	23	26	30	
K(-)5	20	20	14	22	13	23	20	25	22	36	8	33	35	33	40	
K(-)6	27	34	35	35	38	38	38	38	38	38	38	38	38	35	48	
K(+1)	22	18	18	15	21	19	20	30	23	20	12	32	38	34	36	
K(+2)	37	38	34	26	30	37	32	35	29	28	23	31	19	16	23	
K(+3)	15	13	15	6	13	12	12	9	6	13	8	36	23	19	17	
K(+4)	12	8	10	12	12	13	10	10	13	11	6	12	13	12	9	
K(+5)	20	12	18	4	13	9	15	17	10	10	3	11	8	6	9	
K(+6)	21	21	19	17	16	19	15	25	17	14	10	20	13	8	13	
P1.1	20	12	13	10	22	22	18	25	18	18	11	22	13	37	26	
P1.2	16	7	15	9	14	24	9	24	27	20	16	38	28	34	18	
P1.3	24	18	21	18	21	15	15	15	10	15	12	24	15	24	9	
P1.4	11	13	7	10	20	14	14	16	6	14	8	16	21	29	14	
P1.5	38	38	35	35	38	38	30	38	38	28	38	0	36	38	22	
P1.6	9	10	5	13	15	14	8	18	22	16	9	16	8	36	8	
P2.1	16	15	15	6	14	13	16	20	14	18	12	38	27	23	23	
P2.2	12	23	18	13	23	16	19	37	14	22	11	38	37	33	33	
P2.3	15	15	18	16	38	32	31	34	30	36	12	38	37	26	29	
P2.4	16	13	12	6	17	17	12	16	14	12	7	38	23	13	19	
P2.5	26	24	35	35	38	36	38	33	27	37	38	38	36	32	36	
P2.6	17	15	21	16	18	18	13	22	20	37	20	38	38	32	36	
P3.1	15	13	14	10	11	8	11	8	11	19	9	16	17	18	15	
P3.2	14	13	17	13	19	14	20	18	19	18	8	20	18	9	21	
P3.3	9	17	18	11	14	7	14	37	35	36	12	38	38	37	34	
P3.4	13	12	14	5	10	11	13	11	7	14	9	12	12	5	10	
P3.5	27	13	16	12	18	11	18	22	19	18	6	38	33	4	13	
P3.6	14	18	28	21	15	34	18	35	18	29	18	36	25	18	26	

Keterangan:

Asupan Makanan : berat pakan – sisa pakan (gr)

Tanggal 29 April-17 Mei 2012

Ke Lom pok	Tanggal														
	29 4 12	30 4 12	1 5 12	2 5 12	3 5 12	4 5 12	5 5 12	7 5 12	8 5 12	12 5 12	13 5 12	14 5 12	15 5 12	16 5 12	17 5 12
K(-)1	26	36	22	25	38	20	32	30	29	37	13	19	45	22	16
K(-)2	41	46	32	28	39	32	33	39	43	39	39	39	44	21	42
K(-)3	27	34	24	24	26	18	20	25	22	32	13	17	30	16	25
K(-)4	30	42	24	26	25	24	19	35	30	39	32	30	19	30	23
K(-)5	41	38	29	41	36	31	31	35	40	39	38	15	17	16	38
K(-)6	46	48	45	38	43	32	36	37	40	39	39	47	16	42	40
K(+)	33	39	36	19	22	22	23	35	26	39	34	33	38	42	40
K(+)	28	30	32	22	26	18	27	32	35	39	33	41	39	38	39
K(+)	24	20	15	8	17	12	18	25	14	36	14	18	37	7	33
K(+)	9	27	19	9	13	11	14	25	10	20	8	13	44	12	36
K(+)	6	10	8	5	10	8	11	2	7	15	8	13	43	2	7
K(+)	13	22	27	21	23	19	24	12	10	8	5	13	45	4	16
P1.1	30	20	25	26	28	25	29	23	30	40	35	34	40	44	41
P1.2	16	17	12	8	23	14	24	30	16	35	5	12	13	16	19
P1.3	19	12	11	16	19	13	21	15	19	10	14	-----	-----	-----	-----
P1.4	23	24	20	13	15	14	16	20	6	28	14	11	21	21	34
P1.5	34	35	54	35	33	30	34	38	35	40	40	38	38	45	34
P1.6	18	3	9	11	15	15	16	16	21	40	13	19	28	18	24
P2.1	13	3	10	12	11	13	11	20	18	28	12	17	23	14	38
P2.2	36	37	33	15	21	18	21	38	37	35	32	45	43	45	45
P2.3	37	36	38	35	35	24	34	-----	-----	-----	-----	-----	-----	-----	-----
P2.4	17	10	10	5	16	12	15	7	11	36	14	28	38	30	44
P2.5	36	38	59	39	32	31	31	38	36	40	40	38	31	45	45
P2.6	37	37	37	21	26	26	25	30	34	-----	-----	-----	-----	-----	-----
P3.1	14	13	11	9	14	10	13	2	11	9	4	11	14	13	20
P3.2	13	30	25	16	17	16	16	29	11	39	8	10	28	21	24
P3.3	36	38	34	26	20	19	18	36	31	40	39	38	38	43	44
P3.4	11	18	10	22	14	18	13	2	9	33	9	14	23	17	17
P3.5	26	30	32	18	25	27	24	16	13	35	9	20	27	18	41
P3.6	29	34	17	26	30	25	29	37	35	9	37	36	33	38	39

Keterangan:

Asupan Makanan : berat pakan – sisa pakan (gr)



Tanggal 18 Mei-1 Juni 2012

Ke Lom pok	Tanggal												
	18 5 12	19 5 12	20 5 12	21 5 12	22 5 12	23 5 12	24 5 12	25 5 12	27 5 12	29 5 12	30 5 12	31 5 12	1 6 12
K(-)1	16	19	33	10	5	32	18	14	44	27	31	23	19
K(-)2	42	20	41	39	34	24	24	10	23	35	29	41	42
K(-)3	25	15	42	20	15	25	30	20	44	28	33	23	19
K(-)4	23	31	40	30	17	23	16	13	42	27	23	34	29
K(-)5	38	22	35	20	11	33	10	35	21	22	37	22	25
K(-)6	40	34	39	40	41	25	25	10	30	43	25	21	35
K(+1)	40	44	55	25	30	15	38	33	38	45	44	23	22
K(+2)	39	42	32	35	40	16	18	15	39	39	40	41	25
K(+3)	33	42	18	34	30	25	34	17	37	32	21	18	21
K(+4)	36	44	15	20	25	35	40	20	44	18	41	27	33
K(+5)	7	14	37	15	19	17	5	15	16	30	19	12	19
K(+6)	16	15	12	16	17	19	21	25	35	34	40	36	20
P1.1	41	43	43	40	44	41	43	27	45	45	32	39	44
P1.2	19	32	20	21	30	20	18	16	25	36	27	27	24
P1.3	----	----	-----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----
P1.4	34	15	20	17	15	26	12	24	42	39	39	40	41
P1.5	34	33	35	42	40	43	41	22	44	45	25	45	44
P1.6	24	17	33	26	35	25	24	23	33	32	36	11	39
P2.1	38	40	39	44	40	30	20	15	20	18	17	15	20
P2.2	45	44	43	30	45	43	44	15	45	45	28	44	45
P2.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
P2.4	44	41	42	17	40	35	38	31	42	45	25	29	42
P2.5	45	38	33	35	45	39	41	32	44	45	15	42	44
P2.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
P3.1	20	34	17	19	30	31	21	5	17	15	16	12	16
P3.2	24	17	27	23	42	35	35	33	44	31	34	31	38
P3.3	44	44	44	37	44	37	43	18	44	45	40	45	39
P3.4	17	22	18	16	25	20	11	23	15	22	16	12	17
P3.5	41	42	31	21	44	39	10	19	40	45	42	44	43
P3.6	39	41	37	35	40	40	35	31	45	45	24	39	21

Keterangan:

Asupan Makanan : berat pakan – sisa pakan (gr)



Lampiran 5

PERNYATAAN KEASLIAN TULISAN

Saya yang bertanda tangan dibawah ini:

Peneliti : Abdullah Karim

NIM : 105070100111107

Judul : Ekstrak Metanol Daun Bayam (*Amaranthus hybridus L.*)
Mencegah Peningkatan Ketebalan Aorta Tikus (*Rattus norvegicus*) Galur Wistar yang Diberi Diet Aterogenik.

Unit / Lembaga : Program Studi Pendidikan Dokter Fakultas Kedokteran
Universitas Brawijaya Malang

Menyatakan dengan sebenarnya bahwa Tugas Akhir yang saya tulis ini benar-benar hasil karya saya sendiri, bukan merupakan pengambilalihan tulisan atau pikiran orang lain yang saya akui sebagai tulisan atau pikiran saya sendiri. Apabila dikemudian hari dapat dibuktikan bahwa Tugas Akhir ini adalah hasil jiplakan, maka saya bersedia menerima sanksi atas perbuatan tersebut.

Malang, 24 Januari 2014

Abdullah Karim

NIM: 105070100111107