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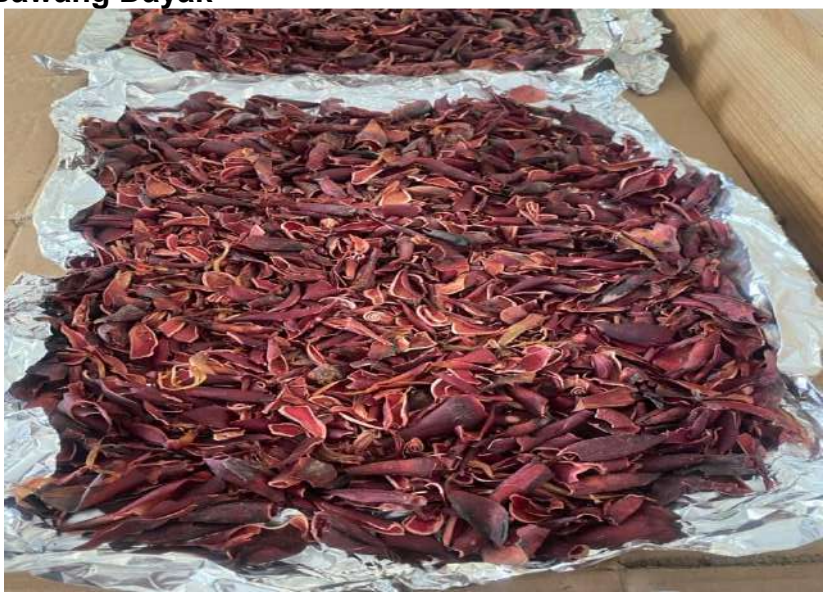
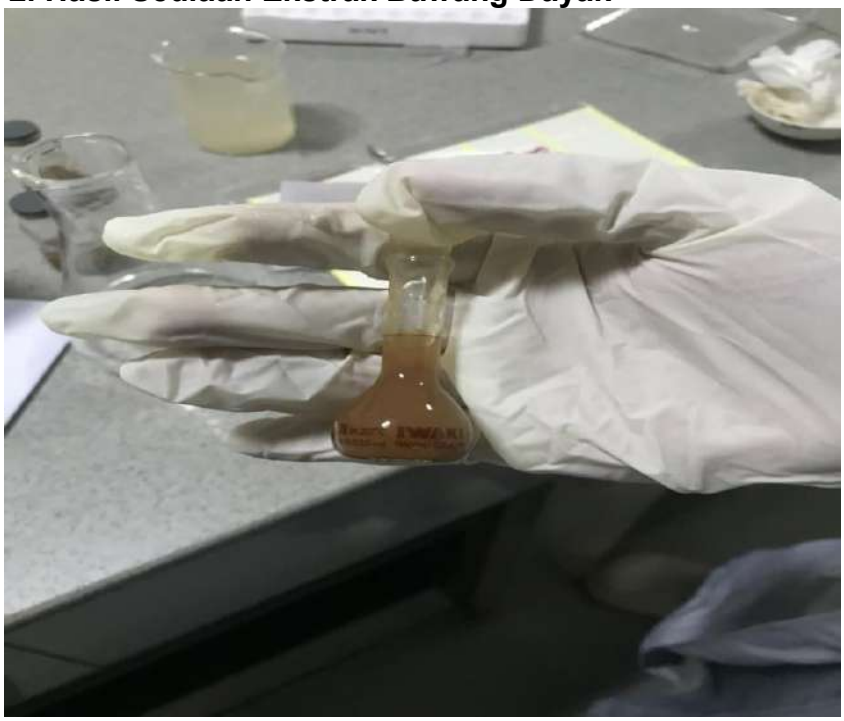
LAMPIRAN

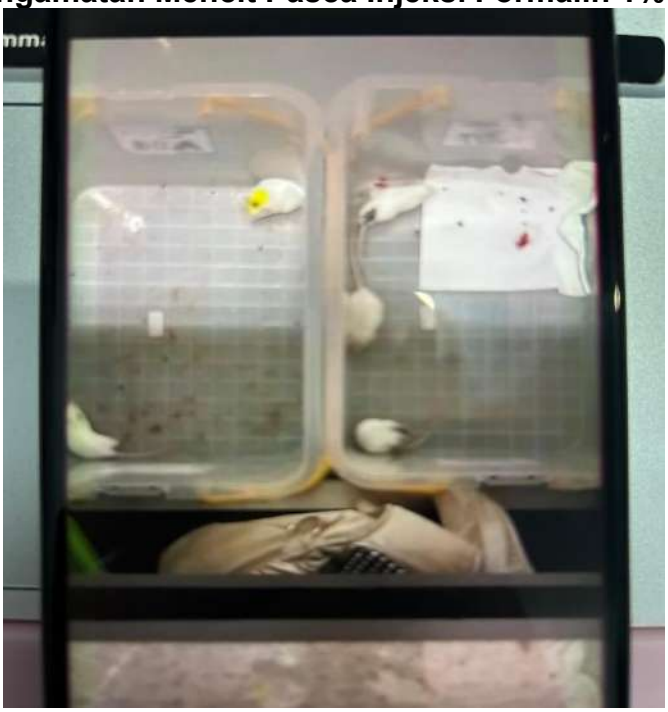
Lampiran 1. Bawang Dayak



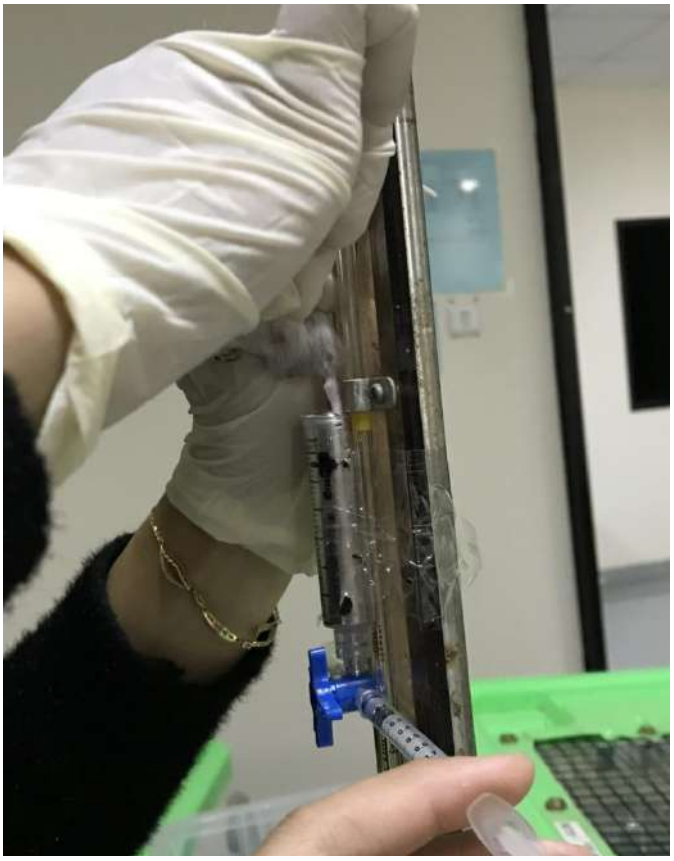
Lampiran 2. Hasil Sediaan Ekstrak Bawang Dayak



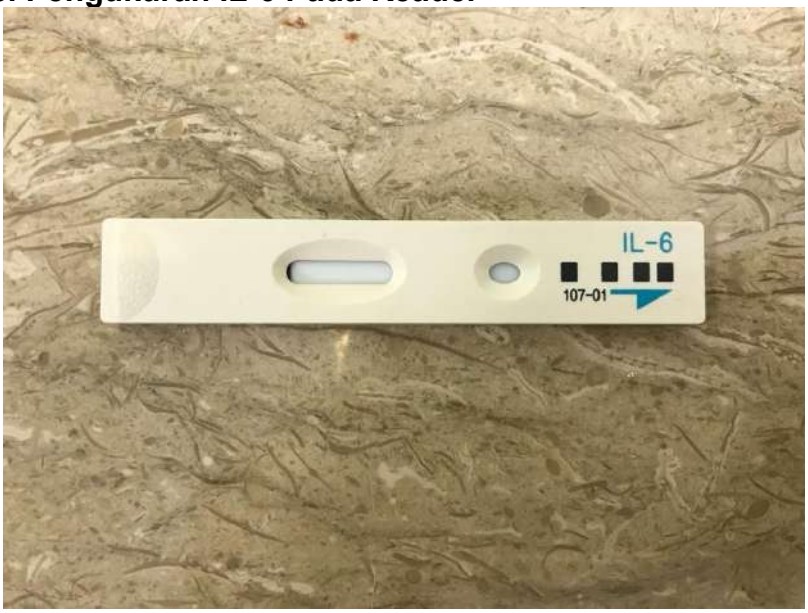
Lampiran 3. Pengamatan Mencit Pasca Injeksi Formalin 1%

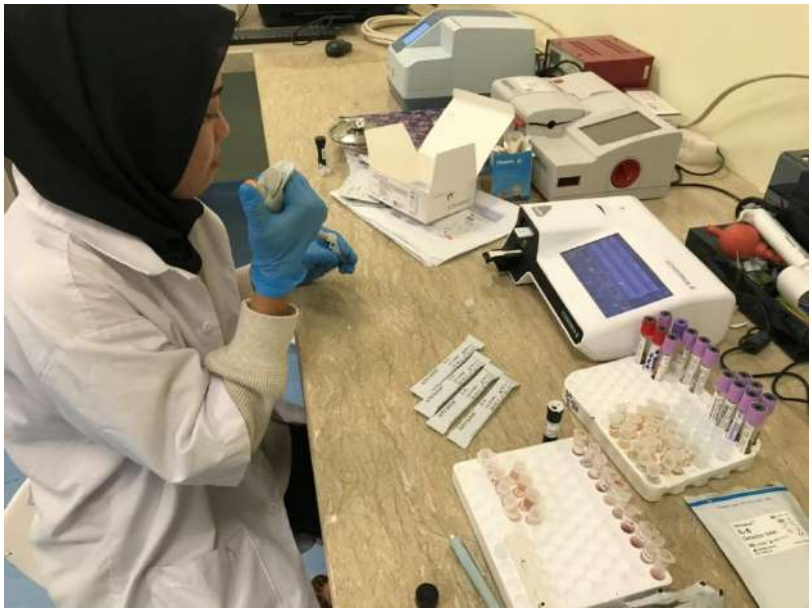


Lampiran 4. Pengukuran Edema Pada Pletismometer



Lampiran 5. Pengukuran IL-6 Pada Reader





Lampiran 6. Hasil Analisis Data Edema

Oneway

Descriptives

		N	Mean	Std. Deviation	Std. Error	Minimum	Maximum
V0	KONTROL NEGATIF (AQUADES)	5	.1280	.00837	.00374	.12	.14
	EKSTRAK BD 250 MG	5	.1200	.01000	.00447	.11	.13
	EKSTRAK BD 500 MG	5	.1180	.01304	.00583	.10	.13
	EKSTRAK BD 750 MG	5	.1200	.01000	.00447	.11	.13
	KONTROL POSITIF (IBUPROFEN)	5	.1380	.01095	.00490	.12	.15
	Total	25	.1248	.01229	.00246	.10	.15
1 jam	KONTROL NEGATIF (AQUADES)	5	.1720	.01095	.00490	.16	.18
	EKSTRAK BD 250 MG	5	.1780	.00837	.00374	.17	.19
	EKSTRAK BD 500 MG	5	.1780	.01095	.00490	.16	.19
	EKSTRAK BD 750 MG	5	.1740	.00548	.00245	.17	.18
	KONTROL POSITIF (IBUPROFEN)	5	.1580	.01924	.00860	.13	.18
	Total	25	.1720	.01323	.00265	.13	.19
2 jam	KONTROL NEGATIF (AQUADES)	5	.2060	.01140	.00510	.19	.22

	EKSTRAK BD 250 MG	5	.2040	.01140	.00510	.19	.22
	EKSTRAK BD 500 MG	5	.2180	.02168	.00970	.19	.24
	EKSTRAK BD 750 MG	5	.2040	.01140	.00510	.19	.22
	KONTROL POSITIF (IBUPROFEN)	5	.1800	.03082	.01378	.14	.22
	Total	25	.2024	.02146	.00429	.14	.24
3 jam	KONTROL NEGATIF (AQUADES)	5	.1900	.00707	.00316	.18	.20
	EKSTRAK BD 250 MG	5	.1840	.01517	.00678	.16	.20
	EKSTRAK BD 500 MG	5	.1820	.02387	.01068	.15	.21
	EKSTRAK BD 750 MG	5	.1840	.01517	.00678	.16	.20
	KONTROL POSITIF (IBUPROFEN)	5	.1500	.01871	.00837	.12	.17
	Total	25	.1780	.02121	.00424	.12	.21
4 jam	KONTROL NEGATIF (AQUADES)	5	.1760	.00894	.00400	.16	.18
	EKSTRAK BD 250 MG	5	.1640	.01517	.00678	.14	.18
	EKSTRAK BD 500 MG	5	.1680	.02775	.01241	.13	.20
	EKSTRAK BD 750 MG	5	.1640	.01517	.00678	.14	.18
	KONTROL POSITIF (IBUPROFEN)	5	.1420	.01304	.00583	.12	.15
	Total	25	.1628	.01948	.00390	.12	.20

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
V0	.376	4	20	.823
1 jam	1.828	4	20	.163
2 jam	2.929	4	20	.057
3 jam	1.320	4	20	.297
4 jam	1.958	4	20	.140

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
V0	Between Groups	.001	4	.000	3.089	.059
	Within Groups	.002	20	.000		
	Total	.004	24			
1 jam	Between Groups	.001	4	.000	2.394	.085

	Within Groups	.003	20	.000		
	Total	.004	24			
2 jam	Between Groups	.004	4	.001	2.635	.045
	Within Groups	.007	20	.000		
	Total	.011	24			
3 jam	Between Groups	.005	4	.001	4.441	.010
	Within Groups	.006	20	.000		
	Total	.011	24			
4 jam	Between Groups	.003	4	.001	2.689	.041
	Within Groups	.006	20	.000		
	Total	.009	24			

Post Hoc-LSD Tests

Multiple Comparisons

LSD

Dependent Variable	(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.
V0	KONTROL NEGATIF (AQUADES)	EKSTRAK BD 250 MG	.00800	.00669	.246
		EKSTRAK BD 500 MG	.01000	.00669	.151
		EKSTRAK BD 750 MG	.00800	.00669	.246
		KONTROL POSITIF (IBUPROFEN)	-.01000	.00669	.151
	EKSTRAK BD 250 MG	KONTROL NEGATIF (AQUADES)	-.00800	.00669	.246
		EKSTRAK BD 500 MG	.00200	.00669	.768
		EKSTRAK BD 750 MG	.00000	.00669	1.000
		KONTROL POSITIF (IBUPROFEN)	-.01800	.00669	.054
	EKSTRAK BD 500 MG	KONTROL NEGATIF (AQUADES)	-.01000	.00669	.151
		EKSTRAK BD 250 MG	-.00200	.00669	.768
		EKSTRAK BD 750 MG	-.00200	.00669	.768
		KONTROL POSITIF (IBUPROFEN)	-.02000	.00669	.052

	EKSTRAK BD 750 MG	KONTROL NEGATIF (AQUADES)	-.00800	.00669	.246
		EKSTRAK BD 250 MG	.00000	.00669	1.000
		EKSTRAK BD 500 MG	.00200	.00669	.768
		KONTROL POSITIF (IBUPROFEN)	-.01800	.00669	.054
	KONTROL POSITIF (IBUPROFEN)	KONTROL NEGATIF (AQUADES)	.01000	.00669	.151
		EKSTRAK BD 250 MG	.01800	.00669	.054
		EKSTRAK BD 500 MG	.02000	.00669	.052
		EKSTRAK BD 750 MG	.01800	.00669	.054
1 jam	KONTROL NEGATIF (AQUADES)	EKSTRAK BD 250 MG	-.00600	.00754	.435
		EKSTRAK BD 500 MG	-.00600	.00754	.435
		EKSTRAK BD 750 MG	-.00200	.00754	.793
		KONTROL POSITIF (IBUPROFEN)	.01400	.00754	.058
	EKSTRAK BD 250 MG	KONTROL NEGATIF (AQUADES)	.00600	.00754	.435
		EKSTRAK BD 500 MG	.00000	.00754	1.000
		EKSTRAK BD 750 MG	.00400	.00754	.601
		KONTROL POSITIF (IBUPROFEN)	.02000	.00754	.055
	EKSTRAK BD 500 MG	KONTROL NEGATIF (AQUADES)	.00600	.00754	.435
		EKSTRAK BD 250 MG	.00000	.00754	1.000
		EKSTRAK BD 750 MG	.00400	.00754	.601
		KONTROL POSITIF (IBUPROFEN)	.02000	.00754	.055
	EKSTRAK BD 750 MG	KONTROL NEGATIF (AQUADES)	.00200	.00754	.793
		EKSTRAK BD 250 MG	-.00400	.00754	.601
		EKSTRAK BD 500 MG	-.00400	.00754	.601
		KONTROL POSITIF (IBUPROFEN)	.01600	.00754	.066
	KONTROL POSITIF (IBUPROFEN)	KONTROL NEGATIF (AQUADES)	-.01400	.00754	.068
		EKSTRAK BD 250 MG	-.02000	.00754	.055
		EKSTRAK BD 500 MG	-.02000	.00754	.055

		EKSTRAK BD 750 MG	-.01600	.00754	.066
2 jam	KONTROL NEGATIF (AQUADES)	EKSTRAK BD 250 MG	.00200	.01203	.870
		EKSTRAK BD 500 MG	-.01200*	.01203	.049
		EKSTRAK BD 750 MG	.00200	.01203	.870
		KONTROL POSITIF (IBUPROFEN)	.02600*	.01203	.033
	EKSTRAK BD 250 MG	KONTROL NEGATIF (AQUADES)	-.00200	.01203	.870
		EKSTRAK BD 500 MG	-.01400*	.01203	.045
		EKSTRAK BD 750 MG	.00000	.01203	1.000
		KONTROL POSITIF (IBUPROFEN)	.02400*	.01203	.038
	EKSTRAK BD 500 MG	KONTROL NEGATIF (AQUADES)	.01200*	.01203	.049
		EKSTRAK BD 250 MG	.01400*	.01203	.045
		EKSTRAK BD 750 MG	.01400*	.01203	.045
		KONTROL POSITIF (IBUPROFEN)	.03800*	.01203	.005
	EKSTRAK BD 750 MG	KONTROL NEGATIF (AQUADES)	-.00200	.01203	.870
		EKSTRAK BD 250 MG	.00000	.01203	1.000
		EKSTRAK BD 500 MG	-.01400*	.01203	.045
		KONTROL POSITIF (IBUPROFEN)	.02400*	.01203	.038
	KONTROL POSITIF (IBUPROFEN)	KONTROL NEGATIF (AQUADES)	-.02600*	.01203	.033
		EKSTRAK BD 250 MG	-.02400*	.01203	.038
		EKSTRAK BD 500 MG	-.03800*	.01203	.005
		EKSTRAK BD 750 MG	-.02400*	.01203	.038
3 jam	KONTROL NEGATIF (AQUADES)	EKSTRAK BD 250 MG	.00600	.01070	.581
		EKSTRAK BD 500 MG	.00800	.01070	.463
		EKSTRAK BD 750 MG	.00600	.01070	.581
		KONTROL POSITIF (IBUPROFEN)	.04000*	.01070	.001
	EKSTRAK BD 250 MG	KONTROL NEGATIF (AQUADES)	-.00600	.01070	.581
		EKSTRAK BD 500 MG	.00200	.01070	.854
		EKSTRAK BD 750 MG	.00000	.01070	1.000

		KONTROL POSITIF (IBUPROFEN)	.03400*	.01070	.005
	EKSTRAK BD 500 MG	KONTROL NEGATIF (AQUADES)	-.00800	.01070	.463
		EKSTRAK BD 250 MG	-.00200	.01070	.854
		EKSTRAK BD 750 MG	-.00200	.01070	.854
		KONTROL POSITIF (IBUPROFEN)	.03200*	.01070	.007
	EKSTRAK BD 750 MG	KONTROL NEGATIF (AQUADES)	-.00600	.01070	.581
		EKSTRAK BD 250 MG	.00000	.01070	1.000
		EKSTRAK BD 500 MG	.00200	.01070	.854
		KONTROL POSITIF (IBUPROFEN)	.03400*	.01070	.005
	KONTROL POSITIF (IBUPROFEN)	KONTROL NEGATIF (AQUADES)	-.04000*	.01070	.001
		EKSTRAK BD 250 MG	-.03400*	.01070	.005
		EKSTRAK BD 500 MG	-.03200*	.01070	.007
		EKSTRAK BD 750 MG	-.03400*	.01070	.005
4 jam	KONTROL NEGATIF (AQUADES)	EKSTRAK BD 250 MG	.01200*	.00588	.048
		EKSTRAK BD 500 MG	.00800*	.00588	.049
		EKSTRAK BD 750 MG	.01200*	.00588	.048
		KONTROL POSITIF (IBUPROFEN)	.03400*	.00588	.005
	EKSTRAK BD 250 MG	KONTROL NEGATIF (AQUADES)	-.01200*	.00588	.048
		EKSTRAK BD 500 MG	-.00400	.00588	.117
		EKSTRAK BD 750 MG	.00000	.00588	1.000
		KONTROL POSITIF (IBUPROFEN)	.02200*	.00588	.037
	EKSTRAK BD 500 MG	KONTROL NEGATIF (AQUADES)	-.00800*	.00588	.049
		EKSTRAK BD 250 MG	.00400	.00588	.117
		EKSTRAK BD 750 MG	.00400	.00588	.117
		KONTROL POSITIF (IBUPROFEN)	.02600*	.00588	.027
	EKSTRAK BD 750 MG	KONTROL NEGATIF (AQUADES)	-.01200*	.00588	.048

	EKSTRAK BD 250 MG	.00000	.00588	1.000
	EKSTRAK BD 500 MG	-.00400	.00588	.117
	KONTROL POSITIF (IBUPROFEN)	.02200*	.00588	.037
KONTROL POSITIF (IBUPROFEN)	KONTROL NEGATIF (AQUADES)	-.03400*	.00588	.005
	EKSTRAK BD 250 MG	-.02200*	.00588	.037
	EKSTRAK BD 500 MG	-.02600*	.00588	.027
	EKSTRAK BD 750 MG	-.02200*	.00588	.037

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

Lampiran 7. Hasil Analisis Data IL-6

Oneway

Descriptives

IL_6

	N	Mean	Std. Deviation	Std. Error	Minimum	Maximum
KELOMPOK NEGATIF (Aquades)	4	6.0750	.65000	.32500	5.50	7.00
KELOMPOK EKSTRAK 250 MG	4	5.1825	.23698	.11849	4.93	5.50
KELOMPOK EKSTRAK 500 MG	4	5.7150	.93775	.46887	4.42	6.65
KELOMPOK EKSTRAK 750 MG	4	7.6325	.57384	.28692	6.78	8.00
KELOMPOK POSITIF (Ibuprofen)	4	4.8000	.45483	.22741	4.14	5.17
KELOMPOK NORMAL	4	2.0275	.47759	.23879	1.38	2.50
Total	24	5.2388	1.80606	.36866	1.38	8.00

Test of Homogeneity of Variances

IL_6

Levene Statistic	df1	df2	Sig.
.903	5	18	.501

ANOVA

IL_6

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	68.656	5	13.731	38.820	.000
Within Groups	6.367	18	.354		
Total	75.023	23			

Post Hoc-LSD Tests

Multiple Comparisons

Dependent Variable: IL_6

LSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.
KELOMPOK NEGATIF (Aquades)	KELOMPOK EKSTRAK 250 MG	.89250*	.42054	.045
	KELOMPOK EKSTRAK 500 MG	.36000*	.42054	.049
	KELOMPOK EKSTRAK 750 MG	-1.55750*	.42054	.002
	KELOMPOK POSITIF (Ibuprofen)	1.27500*	.42054	.007
	KELOMPOK NORMAL	4.04750*	.42054	.000
KELOMPOK EKSTRAK 250 MG	KELOMPOK NEGATIF (Aquades)	-.89250*	.42054	.045
	KELOMPOK EKSTRAK 500 MG	-.53250*	.42054	.047
	KELOMPOK EKSTRAK 750 MG	-2.45000*	.42054	.000
	KELOMPOK POSITIF (Ibuprofen)	.38250	.42054	.048
	KELOMPOK NORMAL	3.15500*	.42054	.000
KELOMPOK EKSTRAK 500 MG	KELOMPOK NEGATIF (Aquades)	-.36000*	.42054	.049
	KELOMPOK EKSTRAK 250 MG	.53250*	.42054	.047
	KELOMPOK EKSTRAK 750 MG	-1.91750*	.42054	.000
	KELOMPOK POSITIF (Ibuprofen)	.91500*	.42054	.040
	KELOMPOK NORMAL	3.68750*	.42054	.000
KELOMPOK EKSTRAK 750 MG	KELOMPOK NEGATIF (Aquades)	1.55750*	.42054	.002
	KELOMPOK EKSTRAK 250 MG	2.45000*	.42054	.000
	KELOMPOK EKSTRAK 500 MG	1.91750*	.42054	.000
	KELOMPOK POSITIF (Ibuprofen)	2.83250*	.42054	.000
	KELOMPOK NORMAL	5.60500*	.42054	.000
KELOMPOK POSITIF (Ibuprofen)	KELOMPOK NEGATIF (Aquades)	-1.27500*	.42054	.007
	KELOMPOK EKSTRAK 250 MG	-.38250*	.42054	.048
	KELOMPOK EKSTRAK 500 MG	-.91500*	.42054	.040
	KELOMPOK EKSTRAK 750 MG	-2.83250*	.42054	.000

	KELOMPOK NORMAL	2.77250*	.42054	.000
KELOMPOK NORMAL	KELOMPOK NEGATIF (Aquades)	-4.04750*	.42054	.000
	KELOMPOK EKSTRAK 250 MG	-3.15500*	.42054	.000
	KELOMPOK EKSTRAK 500 MG	-3.68750*	.42054	.000
	KELOMPOK EKSTRAK 750 MG	-5.60500*	.42054	.000
	KELOMPOK POSITIF (Ibuprofen)	-2.77250*	.42054	.000

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

Lampiran 8. Hasil Analisis Data Jilatan dan Hentakan

Oneway

Descriptives

		N	Mean	Std. Deviation	Std. Error	Minimum	Maximum
Jilatan	KELOMPOK NEGATIF (Aquades)	5	12.00	4.472	2.000	5	15
	KELOMPOK EKSTRAK 250 MG	5	10.00	3.808	1.703	5	15
	KELOMPOK EKSTRAK 500 MG	5	9.00	3.391	1.517	5	13
	KELOMPOK EKSTRAK 750 MG	5	7.00	2.345	1.049	4	9
	KELOMPOK POSITIF (Ibuprofen)	5	5.40	1.673	.748	3	7
	Total	25	8.68	3.816	.763	3	15
Hentakan	KELOMPOK NEGATIF (Aquades)	5	17.20	6.380	2.853	7	22
	KELOMPOK EKSTRAK 250 MG	5	16.20	7.155	3.200	7	22
	KELOMPOK EKSTRAK 500 MG	5	11.40	6.841	3.059	3	22
	KELOMPOK EKSTRAK 750 MG	5	5.00	.707	.316	4	6
	KELOMPOK POSITIF (Ibuprofen)	5	3.20	1.304	.583	2	5
	Total	25	10.60	7.561	1.512	2	22

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Jilatan	1.707	4	20	.188
Hentakan	4.467	4	20	.060

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Jilatan	Between Groups	132.240	4	33.060	3.044	.041
	Within Groups	217.200	20	10.860		
	Total	349.440	24			
Hentakan	Between Groups	808.400	4	202.100	7.172	.001
	Within Groups	563.600	20	28.180		
	Total	1372.000	24			

Post Hoc-LSD Test

Multiple Comparisons

LSD

Dependent Variable	(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.
Jilatan	KELOMPOK NEGATIF (Aquades)	KELOMPOK EKSTRAK 250 MG	2.000*	2.084	.049
		KELOMPOK EKSTRAK 500 MG	3.000*	2.084	.046
		KELOMPOK EKSTRAK 750 MG	5.000*	2.084	.026
		KELOMPOK POSITIF (Ibuprofen)	6.600*	2.084	.005
	KELOMPOK EKSTRAK 250 MG	KELOMPOK NEGATIF (Aquades)	-2.000*	2.084	.049
		KELOMPOK EKSTRAK 500 MG	1.000	2.084	.067
		KELOMPOK EKSTRAK 750 MG	3.000*	2.084	.046
		KELOMPOK POSITIF (Ibuprofen)	4.600*	2.084	.039

	KELOMPOK EKSTRAK 500 MG	KELOMPOK NEGATIF (Aquades)	-3.000*	2.084	.046
		KELOMPOK EKSTRAK 250 MG	-1.000	2.084	.067
		KELOMPOK EKSTRAK 750 MG	2.000*	2.084	.049
		KELOMPOK POSITIF (Ibuprofen)	3.600*	2.084	.040
	KELOMPOK EKSTRAK 750 MG	KELOMPOK NEGATIF (Aquades)	-5.000*	2.084	.026
		KELOMPOK EKSTRAK 250 MG	-3.000*	2.084	.046
		KELOMPOK EKSTRAK 500 MG	-2.000*	2.084	.049
		KELOMPOK POSITIF (Ibuprofen)	1.600	2.084	.052
	KELOMPOK POSITIF (Ibuprofen)	KELOMPOK NEGATIF (Aquades)	-6.600*	2.084	.005
		KELOMPOK EKSTRAK 250 MG	-4.600*	2.084	.039
		KELOMPOK EKSTRAK 500 MG	-3.600*	2.084	.040
		KELOMPOK EKSTRAK 750 MG	-1.600	2.084	.052
Hentakan	KELOMPOK NEGATIF (Aquades)	KELOMPOK EKSTRAK 250 MG	1.000	3.357	.069
		KELOMPOK EKSTRAK 500 MG	5.800*	3.357	.049
		KELOMPOK EKSTRAK 750 MG	12.200*	3.357	.002
		KELOMPOK POSITIF (Ibuprofen)	14.000*	3.357	.000
	KELOMPOK EKSTRAK 250 MG	KELOMPOK NEGATIF (Aquades)	-1.000	3.357	.069
		KELOMPOK EKSTRAK 500 MG	4.800	3.357	.058
		KELOMPOK EKSTRAK 750 MG	11.200*	3.357	.003

		KELOMPOK POSITIF (Ibuprofen)	13.000*	3.357	.001
	KELOMPOK EKSTRAK 500 MG	KELOMPOK NEGATIF (Aquades)	-5.800*	3.357	.049
		KELOMPOK EKSTRAK 250 MG	-4.800	3.357	.058
		KELOMPOK EKSTRAK 750 MG	6.400*	3.357	.031
		KELOMPOK POSITIF (Ibuprofen)	8.200*	3.357	.024
	KELOMPOK EKSTRAK 750 MG	KELOMPOK NEGATIF (Aquades)	-12.200*	3.357	.002
		KELOMPOK EKSTRAK 250 MG	-11.200*	3.357	.003
		KELOMPOK EKSTRAK 500 MG	-6.400*	3.357	.031
		KELOMPOK POSITIF (Ibuprofen)	1.800	3.357	.062
	KELOMPOK POSITIF (Ibuprofen)	KELOMPOK NEGATIF (Aquades)	-14.000*	3.357	.000
		KELOMPOK EKSTRAK 250 MG	-13.000*	3.357	.001
		KELOMPOK EKSTRAK 500 MG	-8.200*	3.357	.024
		KELOMPOK EKSTRAK 750 MG	-1.800	3.357	.062

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