

LAMPIRAN-LAMPIRAN

Lampiran 1. Data Hasil Pemeriksaan Kadar MDA dan Aktifitas SOD Jaringan Hepar

JARINGAN NO	Kode	36 PAR MDA		HEPAR SOD	
		Abs	nmol/gr	Abs	%
1	K (+).1	0,198	11,75	0,083	21,43
2	K (+).2	0,208	12,40	0,081	25,00
3	K (+).3	0,193	11,42	0,087	14,29
4	K (+).4	0,194	11,49	0,079	28,57
5	K (+).5	0,201	11,94	0,085	17,86
6	K (-).1	0,055	2,46	0,058	66,07
7	K (-).2	0,059	2,72	0,048	83,93
8	K (-).3	0,060	2,79	0,052	76,79
9	K (-).4	0,056	2,53	0,057	67,86
10	K (-).5	0,049	2,07	0,060	62,50
11	P1.1	0,142	8,11	0,078	30,36
12	P1.2	0,139	7,92	0,080	26,79
13	P1.3	0,141	8,05	0,075	35,71
14	P1.4	0,129	7,27	0,077	32,14
15	P1.5	0,130	7,33	0,079	28,57
16	P2.1	0,110	6,03	0,063	57,14
17	P2.2	0,103	5,58	0,070	44,64
18	P2.3	0,105	5,71	0,064	55,36
19	P2.4	0,107	5,84	0,071	42,86
20	P2.5	0,101	5,45	0,066	51,79
21	P3.1	0,080	4,08	0,059	64,29
22	P3.2	0,079	4,02	0,062	58,93
23	P3.3	0,084	4,34	0,060	62,50
24	P3.4	0,078	3,95	0,058	66,07
25	P3.5	0,085	4,41	0,057	67,86

Lampiran 2. Hasil Tes Normalitas Data

Tests of Normality

Group of Research		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Malondialdehyde	K+	,184	5	,200*	,928	5	,580
	K-	,224	5	,200*	,919	5	,522
	P1	,275	5	,200*	,819	5	,115
	P2	,136	5	,200*	,989	5	,977
	P3	,253	5	,200*	,889	5	,352
Superoxide Dismutase	K+	,136	5	,200*	,987	5	,967
	K-	,258	5	,200*	,925	5	,563
	P1	,141	5	,200*	,979	5	,927
	P2	,216	5	,200*	,901	5	,413
	P3	,142	5	,200*	,979	5	,928

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 3. Hasil Tes *One Way ANOVA*

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Malondialdehyde	Between Groups	257,611	4	64,403	655,860	,000
	Within Groups	1,964	20	,098		
	Total	259,575	24			
Superoxide Dismutase	Between Groups	9060,732	4	2265,183	65,663	,000
	Within Groups	689,942	20	34,497		
	Total	9750,674	24			

Lampiran 4. Hasil *test of homogeneity of variances*

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Malondialdehyde	1,530	4	20	,232
Superoxide Dismutase	2,737	4	20	,058

Lampiran 5. Hasil Tes Pos Hoc Bonferoni


Multiple Comparisons

Bonferroni


Dependent Variable	(I) Group of Research	(J) Group of Research	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Malondialdehyde	K+	K-	9,28600*	,19819	,000	8,6610	9,9110
		P1	4,06400*	,19819	,000	3,4390	4,6890
		P2	6,07800*	,19819	,000	5,4530	6,7030
		P3	7,64000*	,19819	,000	7,0150	8,2650
	K-	K+	-9,28600*	,19819	,000	-9,9110	-8,6610
		P1	-5,22200*	,19819	,000	-5,8470	-4,5970
		P2	-3,20800*	,19819	,000	-3,8330	-2,5830
		P3	-1,64600*	,19819	,000	-2,2710	-1,0210
	P1	K+	-4,06400*	,19819	,000	-4,6890	-3,4390
		K-	5,22200*	,19819	,000	4,5970	5,8470
		P2	2,01400*	,19819	,000	1,3890	2,6390
		P3	3,57600*	,19819	,000	2,9510	4,2010
P2	K+	-6,07800*	,19819	,000	-6,7030	-5,4530	
	K-	3,20800*	,19819	,000	2,5830	3,8330	
	P1	-2,01400*	,19819	,000	-2,6390	-1,3890	
	P3	1,56200*	,19819	,000	,9370	2,1870	
P3	K+	-7,64000*	,19819	,000	-8,2650	-7,0150	
	K-	1,64600*	,19819	,000	1,0210	2,2710	
	P1	-3,57600*	,19819	,000	-4,2010	-2,9510	
	P2	-1,56200*	,19819	,000	-2,1870	-9,9370	
Superoxide Dismutase	K+	K-	-50,00000*	3,71468	,000	-61,7139	-38,2861
		P1	-9,28400	3,71468	,213	-20,9979	2,4299
		P2	-28,92800*	3,71468	,000	-40,6419	-17,2141
		P3	-42,50000*	3,71468	,000	-54,2139	-30,7861
	K-	K+	50,00000*	3,71468	,000	38,2861	61,7139
		P1	40,71600*	3,71468	,000	29,0021	52,4299
		P2	21,07200*	3,71468	,000	9,3581	32,7859
		P3	7,50000	3,71468	,571	-4,2139	19,2139
	P1	K+	9,28400	3,71468	,213	-2,4299	20,9979
		K-	-40,71600*	3,71468	,000	-52,4299	-29,0021
		P2	-19,64400*	3,71468	,000	-31,3579	-7,9301
		P3	-33,21600*	3,71468	,000	-44,9299	-21,5021
P2	K+	28,92800*	3,71468	,000	17,2141	40,6419	
	K-	-21,07200*	3,71468	,000	-32,7859	-9,3581	
	P1	19,64400*	3,71468	,000	7,9301	31,3579	
	P3	-13,57200*	3,71468	,016	-25,2859	-1,8581	
P3	K+	42,50000*	3,71468	,000	30,7861	54,2139	
	K-	-7,50000	3,71468	,571	-19,2139	4,2139	
	P1	33,21600*	3,71468	,000	21,5021	44,9299	
	P2	13,57200*	3,71468	,016	1,8581	25,2859	

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

Lampiran 6. Surat Lolos Kaji Etik



MEDICAL AND HEALTH RESEARCH ETHICS COMMITTEE (MHREC)
FACULTY OF MEDICINE GADJAH MADA UNIVERSITY
- DR. SARDJITO GENERAL HOSPITAL



ETHICS COMMITTEE APPROVAL

Ref : KE/FK/0994 /EC/2018

Title of the Research Protocol : Pemanfaatan Kombinasi Sari Bengkuang (*Pachyrizus serosus*) dan Kefir Grain sebagai Minuman Sinbiotik yang Diujikan pada Tikus Hiperlipidemia

Documents Approved : Study Protocol versi 02 2018

Principle Investigator : Rafik Prabowo

Participating Investigator(s) : 1. Zahratul Jannah
2. Annisa Nururrahma
3. Muhammad Alvian Subhakti
4. Brain Novi Andri

Name of supervisor : dr. Mirianti Dewi Pramaningtyas, M.Sc

Date of Approval : **17 SEP 2018**
(Valid for one year beginning from the date of approval)

Institution(s)/place(s) of research : Laboratorium Fisiologi, Laboratorium Mikrobiologi
Fakultas Kedokteran UH dan Pusat Antar Universitas UGM

The Medical and Health Research Ethics Committee (MHREC) states that the above protocol meets the ethical principle outlined in the Declaration of Helsinki 2013 and therefore can be carried out.

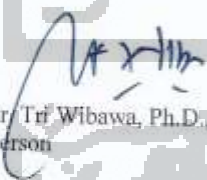
The Medical and Health Research Ethics Committee (MHREC) has the right to monitor the research activities at any time.

The investigator(s) is/are obliged to submit:


Progress report as a continuing review : Annually

Report of any serious adverse events (SAE)

Final report upon the completion of the study



Prof. dr. Trif Wibawa, Ph.D., Sp.MK(K)
Chairperson



dr. Yana Supriatna, Sp.Rad(K), Ph.D
Secretary

Attachments:

Continuing review submission form (AF 4.3.01-014.2013-03)

Serious adverse events (SAE) report form (AF 6.1.01- 019.2013-03)

Recognized by Forum for Ethical Review Committees in Asia and the Western Pacific (FERCAP)

14-Sep-18