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Lampiran 1. Komposisi Diet Normal

Product #		D12450B	
		gm%	kcal%
Protein		19.2	20
Carbohydrate		67.3	70
Fat		4.3	10
	Total		100
	kcal/gm	3.85	
Ingredient		gm	kcal
Casein, 80 Mesh		200	800
L-Cystine		3	12
Corn Starch		315	1260
Maltodextrin 10		35	140
Sucrose		350	1400
Cellulose, BW200		50	0
Soybean Oil		25	225
Lard*		20	180
Mineral Mix S10026		10	0
DiCalcium Phosphate		13	0
Calcium Carbonate		5.5	0
Potassium Citrate, 1 H ₂ O		16.5	0
Vitamin Mix V10001		10	40
Choline Bitartrate		2	0
FD&C Yellow Dye #5		0.05	0
Total		1055.05	4057

Lampiran 2. Komposisi Diet Tinggi Lemak

Product #	D12451	
Protein	gm%	kcal%
	24	20
Carbohydrate	41	35
Fat	24	45
	Total	100
	kcal/gm	4.73
Ingredient	gm	kcal
Casein, 80 Mesh	200	800
L-Cystine	3	12
Corn Starch	72.8	291
Maltodextrin 10	100	400
Sucrose	172.8	691
Cellulose, BW200	50	0
Soybean Oil	25	225
Lard*	177.5	1598
Mineral Mix S10026	10	0
DiCalcium Phosphate	13	0
Calcium Carbonate	5.5	0
Potassium Citrate, 1 H ₂ O	16.5	0
Vitamin Mix V10001	10	40
Choline Bitartrate	2	0
FD&C Red Dye #40	0.05	0
Total	858.15	4057

Lampiran 3. Komposisi diet tinggi Lemak+ menhaden Fish Oil

Product #	D12451		New Diet		
	%	gm	kcal	gm	kcal
Protein		24	20	24	20
Carbohydrate		41	35	41	35
Fat		24	45	24	45
Total			100		100
kcal/gm		4.7		4.7	
Ingredient		gm	kcal	gm	kcal
Casein, 80 Mesh		200	800	200	800
L-Cystine		3	12	3	12
Corn Starch		72.8	291	72.8	291
Maltodextrin 10		100	400	100	400
Sucrose		172.8	691	172.8	691
Cellulose, BW200		50	0	50	0
Soybean Oil		25	225	25	225
Menhaden Oil		0	0	25.7	231
Lard		177.5	1598	151.8	1366
Mineral Mix S10026		10	0	10	0
DiCalcium Phosphate		13	0	13	0
Calcium Carbonate		5.5	0	5.5	0
Potassium Citrate, 1 H2O		16.5	0	16.5	0
Vitamin Mix V10001		10	40	10	40
Choline Bitartrate		2	0	2	0
FD&C Yellow Dye #5		0	0	0	0
FD&C Red Dye #40		0.05	0	0	0
FD&C Blue Dye #1		0	0	0.05	0
Total		858.15	4057	858.15	4057

Lampiran 4. Rekomendasi Persetujuan Etik



**KEMENTERIAN PENDIDIKAN NASIONAL
UNIVERSITAS HASANUDDIN
FAKULTAS KEDOKTERAN
KOMISI ETIK PENELITIAN KESEHATAN**

Sekretariat : Lantai 3 Gedung Laboratorium Terpadu
JL. PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10, Makassar Telp. (0411)5780103, Fax (0411) 581431.
Contact person **dr. Agussalim Bukhari, PhD, SpGK** (HP. 081241850858), email: agussalimbukhari@yahoo.com.

REKOMENDASI PERSETUJUAN ETIK
Nomor : 0075 /H4.8.4.5.31/PP36-KOMETIK/2011

Komisi Etik Penelitian Kesehatan Fakultas Kedokteran Universitas Hasanuddin, setelah melalui pembahasan dan penilaian, pada rapat tertanggal **29 Desember 2010**, telah memutuskan, protokol penelitian berjudul:

Perbandingan Efektifitas dari Fish Oil, Ekstrak Kurkuma dan Metformin pada Perbaikan Resistensi Insulin Mencit Obes

dengan Peneliti Utama: **dr. Mardiana**

No. Register

U	H	1	0	1	2	0	2	2	8
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yang diterima pada tanggal : **20 Desember 2010**

Perbaikan diterima tanggal: **25 Januari 2011**

dapat disetujui untuk dilaksanakan di Animal Laboratorium dan Unit Penelitian Fakultas Kedokteran Universitas Hasanuddin.

Persetujuan Etik ini berlaku sejak tanggal ditetapkan sampai dengan batas waktu pelaksanaan penelitian.

Pada akhir penelitian, **laporan pelaksanaan penelitian** harus diserahkan kepada KEPK Fakultas Kedokteran Unhas. Jika ada perubahan protokol dan /atau perpanjangan penelitian, harus mengajukan kembali permohonan kajian etik penelitian (amandemen protokol).

Makassar, 26 Januari 2011

Komisi Etik Penelitian Kesehatan Fak. Kedokteran Unhas

Ketua

Prof. Dr. dr. Suryani As'ad, M.Sc, Sp.GK
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Sekretaris

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Lampiran 5. Tabel konversi dosis manusia dan hewan

Lampiran

1) **Tabel Konversi Dosis Manusia dan Hewan**

	Mencit 20 gr	Tikus 200 gr	Marmut 400 gr	Kelinci 1,5 kg	Kucing 2 kg	Kera 4 kg	Anjing 12 kg	Manusia 70 kg
Mencit 20 gr	1,0	7,0	12,25	27,8	29,7	64,1	124,2	387,9
Tikus 200 gr	0,14	1,0	1,74	3,9	4,2	9,2	17,8	56,0
Marmut 400 gr	0,08	0,57	1,0	2,25	2,4	5,2	10,2	31,5
Kelinci 1,5 kg	0,04	0,25	0,44	1,0	1,08	2,4	4,5	14,2
Kucing 2 kg	0,03	0,23	0,41	0,92	1,0	2,2	4,1	13,0
Kera 4 kg	0,016	0,11	0,19	0,42	0,45	1,0	1,9	6,1
Anjing 12 kg	0,008	0,06	0,10	0,22	0,24	0,52	1,0	3,1
Manusia 70 kg	0,0026	0,018	0,031	0,07	0,076	0,16	0,32	1,0

(Suhardjono D. 1995. *Percobaan Hewan Laboratorium*. Yogyakarta: Gajah Mada University Press, hal. 207)

2) **Tabel Daftar Volume Maksimal Larutan Sediaan Uji yang Dapat Diberikan pada Berbagai Hewan**

Jenis Hewan Uji	Volume Maksimal (ml) sesuai Jalur Pemberian				
	i.v.	i.m.	i.p.	s.c.	p.o.
Mencit (20-30 gr)	0,5	0,05	1,0	0,5-10	1,0
Tikus (100 gr)	1,0	0,1	2,5	2,5	5,0
Hamster (50 gr)	-	0,1	1-2	2,5	2,5
Marmot (250 gr)	-	0,25	2-5	5,0	10,0
Merpati (300 gr)	2,0	0,5	2,0	2,0	10,0
Kelinci (2,5 kg)	5-10	0,5	10-20	5-10	20,0
Kucing (3 kg)	5-10	1,0	10-20	5-10	50,0
Anjing (5 kg)	10-20	5,0	20-50	10,0	100,0

(Suhardjono D. 1995. *Percobaan Hewan Laboratorium*. Yogyakarta: Gajah Mada University Press, hal. 207)

Keterangan

- i.v. : intravena
- i.m. : intramuscular
- i.p. : intraperitoneal
- s.c. : subcutan
- p.o. : peroral