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LAMPIRAN

Lampiran 1. Surat Persetujuan Etik

KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI
UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN
KOMITE ETIK PENELITIAN UNIVERSITAS HASANUDDIN
RSPTN UNIVERSITAS HASANUDDIN
RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR
Sekretariat : Lantai 2 Gedung Laboratorium Terpadu
JL.PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR 90245.
Contact Person: dr. Agussalim Bukhari.,MMed.,PhD, SpGK TELP. 081241850858, 0411 5780103, Fax : 0411-581431

REKOMENDASI PERSETUJUAN ETIK
Nomor : 289/UN4.6.4.5.31/ PP36/ 2024

Tanggal: 2 Mei 2024

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

No Protokol	UH24040226	No Sponsor	
Peneliti Utama	**Muh. Hairul Ilham, S. Farm**	Sponsor	
Judul Peneliti	Analisis nilai reference range Lipoprotein (a) Pada Populasi Muda Sehat		
No Versi Protokol	**2**	Tanggal Versi	**29 April 2024**
No Versi PSP	**2**	Tanggal Versi	**29 April 2024**
Tempat Penelitian	RS Universitas Hasanuddin Dan RS Labuang Baji Makassar		
Jenis Review	[ ] Exempted [x] Expedited [ ] Fullboard Tanggal	Masa Berlaku **2 Mei 2024** sampai **2 Mei 2025**	Frekuensi review lanjutan
Ketua KEP Universitas Hasanuddin	**Prof. dr. Muh Nasrum Massi,PhD,SpMK, Subsp. Bakt(K)**	Tanda tangan	
Sekretaris KEP Universitas Hasanuddin	**dr. Firdaus Hamid, PhD, SpMK(K)**	Tanda tangan	

Kewajiban Peneliti Utama:

- Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
- Menyerahkan Laporan SAE ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan Lapor SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan
- Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
- Menyerahkan laporan akhir setelah Penelitian berakhir
- Melaporkan penyimpangan dari prokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan

Lampiran 2. Surat izin penelitian

RUMAH SAKIT UNHAS	SURAT IZIN PENELITIAN	
	Nomor: 4275/UN4.24.1.1/PT.01.04/2024	Tanggal 06 Mei 2024
FORMULIR 03 PENDIDIKAN DAN PENELITIAN	Kepada Yth **Kepala Instalasi Laboratorium Patologi Klinik**	

Dengan hormat,

Dengan ini menerangkan bahwa peneliti/ mahasiswa berikut ini:

Nama	: Muh. Hairul Ilham
NIM / NIP	: P062222020
Institusi/Universitas	: Ilmu Biomedik, Pascasarjana, Universitas Hasanuddin, Makassar
Kode penelitian	: 240507_2

Akan melakukan pengambilan data/ analisa bahan hayati:

Terhitung	: 06 Mei 2024 s/d 20 Mei 2024
Jumlah Subjek/Sample	: 120
Jenis Data	: Sample Biologis

Untuk penelitian dengan judul:

"Analisis Nilai Reference Range Lipoprotein (a) Pada Populasi Dewasa Muda Sehat"

Harap dilakukan pembimbingan dan pendampingan seperlunya.

Manager Pendidikan dan Penelitian,

dr. Masriani, M.Kes.,Sp.An-KIC
NIP.198312222010012003

Catatan: Lembaran ini diarsipkan oleh Admin Pendidikan dan Penelitian

Lampiran 3. Surat Selesai Penelitian

PEMERINTAH PROVINSI SULAWESI SELATAN
DINAS KESEHATAN
UPT RUMAH SAKIT UMUM DAERAH LABUANG BAJI
JL. Dr. Ratulangi No. 81 Telp. 873482 Makassar
E-mail: rsudlabuangbaji.sulsel@gmail.com

SURAT KETERANGAN
Nomor : 400.7.3.5/ 106 /LB-01.3/VI/2024

Yang bertanda tangan dibawah ini :

Nama	: **Dra. Yustiaty Yusuf, SE., M.Si**
NIP.	: 19661218 199603 2 001
Pangkat/Golongan	: Pembina TK. I/IV.b
Jabatan	: Kepala Bidang Pendidikan, Penelitian Dan Inovasi

Dengan ini menerangkan bahwa :

Nama	: Muhammad Hairul Ilham
NIM	: PO62222020
Program Studi	: S-2 Ilmu Biomedik
Pekerjaan	: Mahasiswa Universitas Hasanuddin
Alamat	: Jl. Perintis Kemerdekaan VII, Makassar

Bahwa nama tersebut di atas telah melakukan Pengambilan Data Awal dan Penelitian di UPT Rumah Sakit Umum Daerah Labuang Baji dalam rangka Penyelesaian tugas akhir Ilmiah/Skripsi/Tesis Tanggal Penelitian 22 Maret s/d 13 Juni 2024 Dengan Judul ***"ANALISIS NILAI REFERENCE RANGE LIPOPROTEIN (a) PADA POPULASI DEWASA MUDA SEHAT"***

Demikian surat keterangan ini dibuat untuk dipergunakan seperlunya.

Makassar, 14 Juni 2024

Kepala Bidang
Pendidikan, Penelitian dan Inovasi

Dra. Yustiaty Yusuf, SE., M.Si
NIP. 19661218 199603 2 001

Lampiran 4. Master Tabel

Data Primer

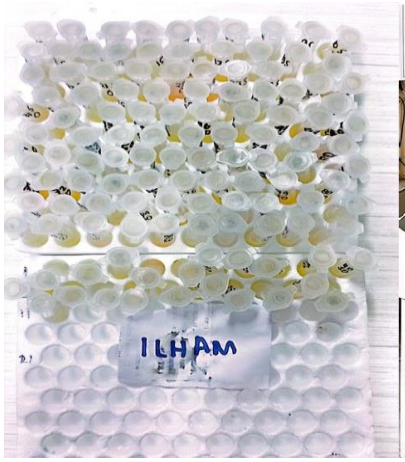
No	Jenis Kelamin	Usia	Tb	Bb	IMT	GDP	Tekanan Darah		Riwayat Penyakit	Konsumsi obat-obatan	Lipoprotein(a) (Nmol/L)
1	2	28	150	51.2	27.2	68.5	110	70	-	-	13.9
2	2	27	150	41.5	18.4	79	100	70	-	-	7.0
3	2	30	148	47.2	21.5	96	100	60	-	-	57.0
4	2	31	158	63.8	25.6	75.3	100	60	-	-	16.3
5	2	34	152	54.3	23.5	100	120	80	-	-	38.3
6	1	30	163.5	67	25.1	95.9	120	70	-	-	34.7
7	2	32	148.5	53.6	24.3	84.8	110	80	-	-	7.0
8	2	29	155.5	63.7	26.3	93.9	110	70	-	-	7.0
9	2	26	162	70.3	26.8	80	110	70	-	-	7.0
10	2	28	146.5	43.3	20.2	85.7	90	60	-	-	7.0
11	2	33	148	62.1	28.4	90.7	110	70	-	-	17.5
12	2	34	148	57.8	26.4	91.3	110	80	-	-	7.0
13	2	35	155.5	56	23.2	102.5	100	60	-	-	7.0
14	1	30	168	70.1	24.8	80.9	120	80	-	-	51.0
15	2	29	155	45.6	19	93.2	100	70	-	-	30.8
16	2	30	155	62.9	26.2	93.6	100	70	-	-	7.0
17	2	30	157	58.3	23.7	109	110	80	-	-	7.0
18	1	28	167	64.1	23	101.4	110	70	-	-	7.0
19	2	31	153	49.8	21.3	102.8	100	70	-	-	7.0
20	2	36	155	69.1	28.8	89.3	98	60	-	-	60.6
21	2	38	147	55.3	25.6	89.1	114	80	-	-	20.8
22	2	30	157	62.2	25.2	92.6	120	89	-	-	19.3
23	2	35	145	70	26	101	120	80	-	-	11.4
24	2	35	159	67.1	26.5	97	120	80	-	-	27.2
25	1	30	170	66	22.8	88	120	70	-	-	7.0
26	2	30	155	60	25	91	120	70	-	-	12.5
27	1	31	167	80	29	102	120	80	-	-	7.0
28	1	31	165	62	22.8	95	120	80	-	-	7.0
29	2	27	164	41.2	15.3	92	110	70	-	-	52.3
30	1	35	162	59.7	22.7	96	120	70	-	-	38.3
31	1	35	160	57.1	22.3	99	120	70	-	-	12.2

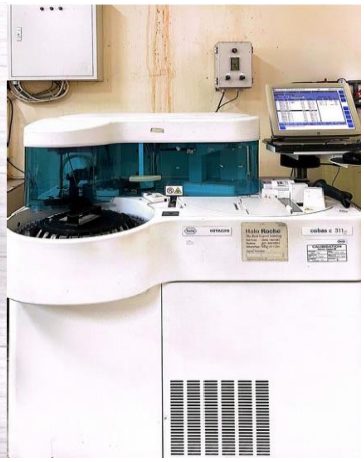
32	2	35	154	60.4	25.5	91	120	80	-	-	54.9
33	1	38	154	52	21.9	93	101	70	-	-	26.0
34	1	29	155	47.1	19.6	96.2	120	70	-	-	7.0
35	1	29	165	76.8	28.2	107	120	80	-	-	7.0
36	2	36	150	64.5	28.7	93.2	120	80	-	-	62.2
37	2	34	155	51.5	21.4	86	110	70	-	-	12.2
38	1	31	148	62.6	28.4	98	120	80	-	-	7.0
39	1	36	181	82.6	25.2	94	120	80	-	-	21.5
40	2	33	154	67.1	28.3	96	120	80	-	-	9.4
41	1	28	169.5	82.5	28.7	106	110	70	-	-	44.8
42	2	30	152.5	42	18.1	95	120	70	-	-	7.0
43	2	31	156.5	46.2	18.9	97	120	80	-	-	59.6
44	1	34	164	81.3	30.2	87	120	80	-	-	11.9
45	2	37	157	72.8	29.5	106	120	80	-	-	16.6
46	1	30	166	71.6	26	94	120	80	-	-	32.3
47	1	29	159	59.4	23.5	100	120	80	-	-	43.9
48	2	31	155	45.1	18.3	90	120	70	-	-	10.4
49	2	29	155	56.6	23.6	94	120	80	-	-	17.4
50	2	31	158	66.9	26.8	88	110	70	-	-	32.0
51	1	32	165	73.2	26.9	101	120	80	-	-	69.5
52	1	40	158	59.6	23.9	91	110	70	-	-	7.0
53	1	22	162	55.8	21.3	108	120	80	-	-	7.0
54	1	26	166	83.6	30.3	109	120	80	-	-	45.9
55	1	26	170	72.9	25.2	95	110	70	-	-	7.0
56	1	26	163	56.5	21.3	95	120	70	-	-	7.0
57	1	26	165	62	22.8	92	120	80	-	-	35.5
58	1	32	172	58.5	19.8	85	120	65	-	-	7.0
59	1	20	163	65.3	24.6	77.8	120	70	-	-	65.3
60	1	33	172	70.4	23.5	95	120	80	-	-	10.5
61	1	38	160	76.4	29.8	93	120	80	-	-	7.0
62	1	21	177	92.1	29.4	92	110	80	-	-	7.8
63	1	39	173	92.7	31	92	120	70	-	-	8.2
64	1	37	162	64.9	24.7	102.6	110	70	-	-	9.5
65	1	27	178	83.1	26.2	76.6	120	90	-	-	15.5
66	1	20	154	38	16.2	99.1	100	70	-	-	7.0
67	1	35	177	84.7	27	97.2	120	80	-	-	28.4
68	1	25	169	66.5	23.3	96.4	120	80	-	-	7.0
69	2	34	151	57.8	25.3	101	100	60	-	-	41.3

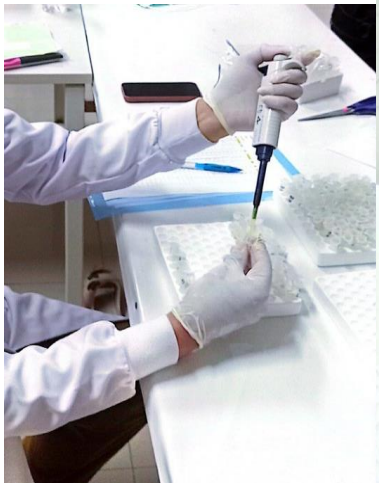
70	2	33	153	50.5	21.6	100	100	60	-	-	7.0
71	2	39	159	46.8	18.5	92	100	70	-	-	7.0
72	2	39	151	54.5	23.7	88	110	70	-	-	7.6
73	2	32	158	49.8	17.6	101	110	60	-	-	7.0
74	2	40	163	54.3	20.4	98	110	70	-	-	71.6
75	2	37	153	66.3	28.3	83	120	80	-	-	15.6
76	2	34	162	54.6	20.8	89	110	70	-	-	7.5
77	2	35	156	49.9	20.5	95	100	70	-	-	7.0
78	2	24	152	43.2	18.7	85	120	80	-	-	34.5
79	2	33	146	61.4	28.1	98	100	60	-	-	16.0
80	2	39	152	91	24.6	84	110	70	-	-	17.0
81	2	33	155	39.3	16.4	82	110	60	-	-	8.9
82	2	38	166	59.1	21.4	87	100	60	-	-	7.0
83	2	32	158	59.7	23.9	93	110	60	-	-	10.7
84	2	32	155	47.2	19.6	97.9	110	70	-	-	25.4
85	2	40	157	63	25.6	87	110	70	-	-	7.0
86	2	35	156	66.8	27.4	91	110	80	-	-	7.0
87	2	23	162	60.4	23	83	120	80	-	-	12.0
88	2	22	150	40.9	18.2	78	110	90	-	-	8.8
89	2	22	153	51.1	21.8	80	110	80	-	-	7.0
90	2	35	154	61.4	25.9	90	120	70	-	-	16.3
91	2	29	153	66.4	26.2	93	110	80	-	-	50.4
92	2	37	157	64.3	26.1	88.5	100	60	-	-	29.1
93	2	37	150	60	26.7	77.2	110	70	-	-	25.2
94	1	34	158	67.7	27.1	103.8	120	80	-	-	7.0
95	1	20	164	45.9	17.1	96.7	110	80	-	-	17.9
96	1	26	164	61	22.7	97.2	110	70	-	-	30.5
97	1	35	170	77	26.6	90.7	120	80	-	-	26.7
98	1	20	168	86.4	30.6	94.5	120	70	-	-	48.2
99	1	23	165	68	25	94.8	110	80	-	-	39.5
100	1	32	170	76.6	26.5	100.9	120	70	-	-	74.0
101	1	28	158	42	16.9	87.3	90	60	-	-	33.1
102	1	35	167	74.5	26.7	104.4	110	90	-	-	7.0
103	1	25	168	70.8	25.1	104.4	120	95	-	-	32.5
104	1	40	173	60.2	20.1	96.1	110	70	-	-	14.5
105	1	27	156	49.3	20.3	88.8	120	70	-	-	24.5
106	1	35	163	57.6	21.7	96.9	120	70	-	-	7.0
107	1	25	158	64.4	25.8	100.3	115	70	-	-	42.4

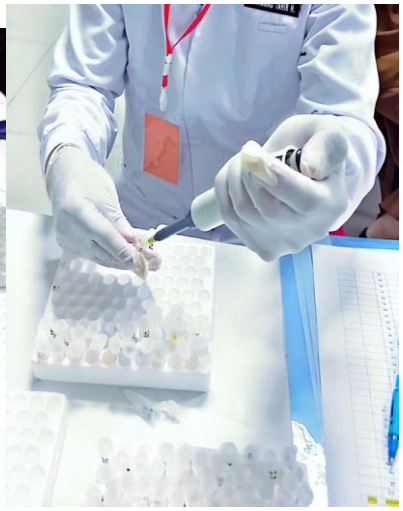
108	1	20	164	49.1	18.3	97.8	120	80	-	-	34.9
109	1	30	177	72.7	23.2	105.5	110	70	-	-	52.4
110	1	31	163	81.7	30.7	89.9	110	70	-	-	7.0
111	1	23	168	87.6	31	104.1	120	80	-	-	20.1
112	1	23	166	68.7	24.9	101	110	70	-	-	7.0
113	1	33	171	57.4	19.6	100.1	120	80	-	-	19.7
114	1	35	172	110.6	27.7	109.8	110	70	-	-	15.6
115	1	22	159	57.6	22.8	97.4	120	70	-	-	21.9
116	2	22	151	42.6	18.7	57.9	110	80	-	-	13.8
117	1	37	162	57.7	22	93.6	120	80	-	-	28.6
118	2	31	155	51.4	21.4	94.2	120	80	-	-	7.0
119	2	20	152	47.9	20.7	107.2	120	70	-	-	16.8
120	1	26	171	47.2	16.1	102	120	70	-	-	57.1

Lampiran 5. Dokumentasi









Lampiran 6. Riwayat Hidup

Riwayat Hidup (*Curiculum Vitae*)

1. Nama lengkap : Muh. Hairul Ilham
2. Tempat dan tanggal lahir : Danagoa, 6 Juli 1999
3. Agama : Islam
4. Jenis kelamin : Laki-laki
5. Pekerjaan : Mahasiswa
6. Alamat : Jl. Perintis Kemerdekaan VII, Kec. Tamalanrea
7. No. HP : 082197332002
8. E-mail : ilhamalmunniy99@gmail.com

No	Jenjang pendidikan	Tempat	Tahun
1	SDN 10 TONGKUNO	Muna-Sultra	2012
2	SMPN 1 TONGKUNO	Muna-Sultra	2015
3	SMAN 1 TONGKUNO	Muna-Sultra	2018
4	UNIVERSITAS HALUOLEO (S1 FARMASI)	Kendari-Sultra	2022
5	UNIVERSITAS HASANUDDIN (S2 ILMU BIOMEDIK)	Makassar-Sulsel	Sementara Berlangsung