

DAFTAR PUSTAKA

Anand D, Agrawal SA, Slavotinek A, Lachke SA. *Mutation Update of Transcription Factor Genes FOXE3, HSF4, MAF, and PITX3 Causing Cataracts and Other developmental Ocular Defects*. Hum Mutat. 2018 Apr; 39(4): 471–494. Doi: 10.1002/humu.23395

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LAMPIRAN



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN
KOMITE ETIK PENELITIAN KESEHATAN
RSPTN UNIVERSITAS HASANUDDIN
RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR
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REKOMENDASI PERSETUJUAN ETIK

Nomor : 150/UN4.6.4.5.31/ PP36/ 2021

Tanggal: 8 Maret 2021

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

No Protokol	UH21010052	No Sponsor Protokol	
Peneliti Utama	dr. Gerhanawati	Sponsor	
Judul Peneliti	Ekspresi mRNA Gen Mayor Intrinsic Protein/Aquaporin 0 Pada Penderita Katarak Kongenital		
No Versi Protokol	1	Tanggal Versi	28 Januari 2021
No Versi PSP	1	Tanggal Versi	28 Januari 2021
Tempat Penelitian	Rumah Sakit Pendidikan Universitas Hasanudddin dan Laboratorium Hasanuddin University Medical Research Center (HUMRC) Makassar		
Jenis Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal	Masa Berlaku 8 Maret 2021 sampai 8 Maret 2022	Frekuensi review lanjutan
Ketua Komisi Etik Penelitian Kesehatan FKUH	Nama Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)	Tanda tangan	
Sekretaris Komisi Etik Penelitian Kesehatan FKUH	Nama dr. Agussalim Bukhari, M.Med.,Ph.D.,Sp.GK (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 protokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan

FORMULIR PERSETUJUAN

Saya yang bertanda tangan di bawah ini :

Nama :

Umur : tahun

Alamat :

Telepon/HP :

Menyatakan bersedia untuk berpartisipasi pada penelitian ini yang berjudul :

“Ekspresi mRNA Gen *Major Intrinsic Protein/Aquaporin0* Pada Penderita Katarak Kongenital“

Setelah mendengar/membaca dan mengerti penjelasan yang diberikan mengenai tujuan dan manfaat yang akan didapatkan pada penelitian ini, khususnya bagi kemajuan ilmu kedokteran.

Makassar,

Saksi I

Saksi II

(.....)

(.....)

Penanggung jawab penelitian :

dr. Gerhanawati

Griya Bakti Utama A2-11, Jln. Perintis Kemerdekaan 3
Tamalanrea

Telp. 082393277720

Penanggung jawab medik :

Prof. dr. Budu, Ph.D, Sp.M (K), M.MedEd

Jln. Bunaken No. 16, Bukit Baruga Antang

Telp. 08152541665

DISETUIJUI OLEH KOMISI PENELITIAN
KESEHATAN FAKULTAS
KEDOKTERAN UNHAS
TGL.....2021

DATA PASIEN SAMPEL PENELITIAN

NO	Nama	Tgl. Lahir/ Umur (thn)	Jenis Kelamin	Jenis Katarak	Unilateral/ Bilateral	Mikrof- talmia	Rekam Medik
1	Waode Karunia	5	P	Nuklear	Bilateral	(+)	129576
2	Esterlien Deva	6	P	Nuklear	Bilateral	(-)	131761
3	Muh. Rafa	3	L	Nuklear	Unilateral	(-)	90213
4	Aditia	7	L	Membranous	Unilateral	(-)	132488
5	Ahmad Alvin	2	L	Nuklear	Unilateral	(-)	132463
6	Arsya	1 thn 10 bln	L	Membranous	Unilateral	(-)	133516
7	Naylan	4 bulan	L	Polaris posterior	Unilateral	(-)	134045
8	Muh. Zahrul	1 thn 6 bln	L	Total	Bilateral	(-)	128550
9	M. Jafar	11 thn	L	Nuklear	Bilateral	(-)	102187
10	Silvia	6 thn	P	Nuklear	Bilateral	(-)	136260
11	Nirwana	8 thn	P	Nuklear	Bilateral	(-)	135395
12	A. Luthfia	6 thn	P	Total	Bilateral	(+)	140701
13	Alfatih	2 thn	L	Nuklear	Bilateral	(-)	907441
14	Yumna	4 thn	P	Membranous	Unilateral	(+)	911422

OUTPUT DATA ANALYSIS

Target	Biological Group Sample	Control	Expression	Expression SEM	Corrected Expression SEM	Mean Cq	Cq SEM
MIP	KASUS_ADITIA		0.90978	0.00000	0.00000	23.40	0.00000
MIP	KASUS_AHMAD ALVIN		6.09205	0.00000	0.00000	29.88	0.00000
MIP	KASUS_AL FATIH		0.80553	0.18272	0.18272	29.38	0.01851
MIP	KASUS_ANDI LUTFI		0.11494	0.24153	0.24153	31.44	3.03161
MIP	KASUS_ARSYA		1.17889	0.10466	0.10466	26.39	0.05943
MIP	KASUS_ESTERLIEN		2.98237	0.00000	0.00000	31.06	0.00000
MIP	KASUS_MUH SAHRUL		0.89127	0.07634	0.07634	26.43	0.09504
MIP	KASUS_MUH. JAFAR		0.77932	0.23083	0.23083	28.12	0.39983
MIP	KASUS_MUH. RAFA		2.48217	0.95113	0.95113	29.61	0.12753
MIP	KASUS_NAILAN		0.67872	0.12224	0.12224	25.57	0.08537
MIP	KASUS_NIRWANA		0.98173	0.11374	0.11374	25.16	0.06197
MIP	KASUS_SILVIA		2.77010	1.03748	1.03748	32.19	0.53834
MIP	KASUS_WAODE KARUNIA		6.45005	0.00000	0.00000	30.08	0.00000
MIP	KASUS_YUMNA		0.36067	0.00000	0.00000	25.86	0.00000
MIP	KONTROL_ANNA		0.84578	0.12490	0.12490	25.41	0.20212
MIP	KONTROL_ARSYA		0.51833	0.50042	0.50042	28.41	1.38799
MIP	KONTROL_ASWAR		1.39045	0.42734	0.42734	23.13	0.06991
MIP	KONTROL_AUFA		1.01473	0.12999	0.12999	23.74	0.04814
MIP	KONTROL_FARA		1.13676	0.26971	0.26971	25.73	0.29197
MIP	KONTROL_KENZO		0.83308	0.05400	0.05400	26.56	0.09319
MIP	KONTROL_MUH. RASYAB		0.95032	0.12248	0.12248	25.17	0.11267
MIP	KONTROL_NUR HIDAYAT		1.13535	0.17970	0.17970	21.99	0.22821
MIP	KONTROL_NURQAILA		1.16299	0.20736	0.20736	25.33	0.18898
MIP	KONTROL_QHAYZA		1.17925	0.20392	0.20392	28.53	0.23879
MIP	KONTROL_RAJA		1.05187	0.19479	0.19479	25.51	0.26499
MIP	KONTROL_WAFIQ		1.21444	0.17698	0.17698	26.90	0.20956

OUTPUT DATA ANALYSIS

Target	Biological Group	Control	Expression	Expression 95% CI Low	Expression 95% CI High
MIP	KASUS		1.44981	0.71697	2.93172
GAPDH	KONTROL		1.00000	0.87824	1.13864

BIODATA PENELITI

Nama Mahasiswa : dr. Gerhanawati
Nomor Pokok : C 025172004
Alamat : Griya Bakti Utama A2-11, Makassar
Program Pendidikan : Dokter Spesialis Terpadu Fakultas Kedokteran Universitas Hasanuddin
Program Studi : Ilmu Kesehatan Mata
Judul Tesis : Ekspresi mRNA Gen *Mayor Intrinsic Protein*/ Aquaporin0 Pada Penderita Katarak Kongenital

1. Riwayat Pendidikan:

NO.	STRATA	INSTITUSI	TEMPAT	TAHUN LULUS
1.	SD	SDN Kakatua	Makassar	1995
2.	SLTP	SLTP Negeri 3	Makassar	1998
3.	SMU	SMU Negeri 17	Makassar	2001
4.	S1	FK Universitas Hasanuddin	Makassar	2007
5.	PPDS	Bagian Ilmu Kesehatan Mata FK UNHAS	Makassar	Sementara Pendidikan

2. Riwayat Pelatihan

NO.	PELATIHAN	INSTITUSI	TEMPAT	TAHUN

3. Riwayat pekerjaan

NO.	INSTANSI	TEMPAT	KEDUDUKAN	PERIODE
1.	Puskesmas Tammero'do	Majene	Dokter Umum	2008-2009
2.	Puskesmas Liukang Tupabbiring	Pulau Balang Lompo Pangkep	Dokter Umum	2009-2014
3.	Puskesmas Antara	Makassar	Dokter Umum	2014-2017

