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LAMPIRAN
Lampiran 1 Permohonan Izin Penelitian



KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI
UNIVERSITAS HASANUDDIN
FAKULTAS KEDOKTERAN
PROGRAM STUDI SARJANA KEDOKTERAN
Jl. Perintis Kemerdekaan Km. 10 (Tanj.) Makassar 90942, Telp. (0411) 507361, Fax. (0411) 507321

Nomor : 90344.1N4.6.4/PT.01/04/2021
Lamp : 1
Hal : Permohonan Izin Penelitian

30 April 2021

Keper: Yth. :
Direktor RSP Universitas Hasanuddin
Dl-
Makassar

Dengan hormat, disampaikan bahwa mahasiswa Program Studi Pendidikan Dokter Fakultas Kedokteran Universitas Hasanuddin di bawah ini :

K e s i m a : Hainunisa
N I m : C011181322

bermaksud melakukan penelitian di RSP Universitas Hasanuddin Laboratorium Patologi Anatomi dengan judul penelitian: **"Perbandingan Ekspresi GATA-2 Pada Limfoma Maligna Germinal Center B Cell Lymphoma (GCB) Dan Non Germinal Center B Cell Lymphoma (Non GCB/ABC)"**

Selubungan hal tersebut kiranya sangat bersangkutan dapat diberi izin untuk melakukan Penelitian dalam rangka penyelesaian studinya.

Demikian permohonan kami, atas bantuan dan kerjasamanya disampaikan terima kasih.

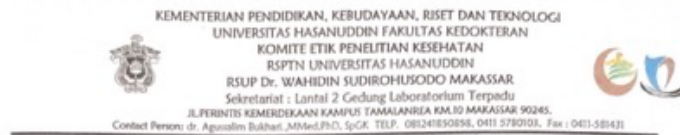
Kamu,
Program Studi Sarjana Kedokteran
Fakultas Kedokteran Unhas



Dr. dr. Stef Rafah, MSi
NIP. 19680521199703201

0411-507361
1/4/21

Lampiran 2 Rekomendasi Persetujuan Etik



REKOMENDASI PERSETUJUAN ETIK

Nomor : 51B/UN4.6.4.5.31/ PP36/ 2021

Tanggal: 18 Agustus 2021



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

No Protokol	UH21080491	No Sponsor Protokol	
Peneliti Utama	Hairunnisa	Sponsor	
Judul Peneliti	Perbandingan Ekspresi GATA-3 pada Limfoma Maligna Germinal Center B cell Lymphoma (GCB) dan Non Germinal Center B cell Lymphoma (Non-GCB/ABC)		
No Versi Protokol	1	Tanggal Versi	18 Agustus 2021
No Versi PSP		Tanggal Versi	
Tempat Penelitian	RS Universitas Hasanuddin Makassar		
Jenis Review	<input checked="" type="checkbox"/> Exempted <input type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal	Masa Berlaku	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 Laporan 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

Lampiran 3 Surat Izin Penelitian

 RUMAH SAKIT UNHAS	SURAT IZIN PENELITIAN	
	Nomor: 9246/UN4.24.1.2/PT.01.04/2021	Tanggal 15 September 2021
FORMULIR 2 BIDANG PENELITIAN DAN INOVASI	Kepada Yth Kepala Instalasi Laboratorium Patologi Anatomi	
<p>Dengan hormat,</p> <p>Dengan ini menerangkan bahwa peneliti/ mahasiswa berikut ini:</p> <p>Nama : Hairunnisa</p> <p>NIM / NIP : C011181322</p> <p>Institusi : Pendidikan Dokter, Fakultas Kedokteran, Universitas Hasanuddin Makassar</p> <p>Kode penelitian : 210915_2</p> <p>Akan melakukan pengambilan data/ analisa bahan hayati:</p> <p>Terhitung : 15 September 2021 s/d 15 November 2021</p> <p>Jumlah Subjek/Sample : 36</p> <p>Jenis Data : Data Primer: Pemeriksaan Immunohistokimia</p> <p>Untuk penelitian dengan judul: "Perbandingan Ekspresi GATA-3 pada Limfoma Maligna Germinal Center B Cell Lymphoma (GCB) dan Non Germinal Center B Cell Lymphoma (Non GCB/ABC)" Harap dilakukan pembimbingan dan pendampingan seperlunya.</p> <p style="text-align: center;">Kepala Bidang Penelitian dan Inovasi</p> <div style="text-align: center;">  dr. Muh. Firdaus Kasim, M.Sc NIP. 198412012018073001 </div> <p><small>Catatan: Lembaran ini diarsipkan oleh Bidang Penelitian dan Inovasi</small></p>		

Lampiran 4 Data Penelitian

no	kode	umur	jk	lokasi	molekuler	gata-3
			L= 1 P= 2	N= 1 EN= 2	GCB= 1 Non gcb= 2	positif = 1 negatif = 0
1	707	61	2	1	2	0
2	1007	62	1	1	2	1
3	18695	68	1	1	1	0
4	18817	68	1	1	2	1
5	18871	40	1	1	2	1
6	81167	36	1	1	2	1
7	81210	63	2	1	2	0
8	19002	29	1	1	2	0
9	84743	54	2	1	2	0
10	83968	55	2	1	2	0
11	83028	48	2	1	2	0
12	19076	64	2	2	2	0
13	92809	32	1	1	2	0
14	93065	54	1	2	2	0
15	90431	46	2	2	2	0
16	93047	58	1	2	2	0
17	20987	48	1	1	1	1
18	21136	62	1	1	1	1
19	20937	53	1	1	1	0
20	91772	59	1	2	1	0
21	94067	52	1	1	2	0
22	93556	58	2	1	2	0
23	83216	55	1	1	2	0
24	43251	79	1	1	2	1
25	30616	55	1	1	2	1
26	32928	81	1	2	2	0
27	33140	58	2	2	2	0
28	39236	65	2	1	2	1
29	33431	68	2	1	2	1
30	31153	56	2	1	2	1
31	31065	54	2	1	1	0
32	41928	30	1	1	2	0
33	28290	55	1	2	1	1
34	32256	50	2	1	1	0
35	41565	35	2	1	2	1
36	45290	60	2	1	1	1

Lampiran 5 Analisis Data

Hasil Gata-3 * Molekular

Crosstab

Count

		Molekular		Total
		Germinal Center B Cell	Non Germinal Center B Cell	
Hasil Gata-3	Negatif	5	17	22
	Positif	4	10	14
Total		9	27	36

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	.156 ^a	1	.693		
Continuity Correction ^b	.000	1	1.000		
Likelihood Ratio	.154	1	.694		
Fisher's Exact Test				.712	.494
Linear-by-Linear Association	.152	1	.697		
N of Valid Cases	36				

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 3.50.

b. Computed only for a 2x2 table

HASIL MAN WHITNEY

Case Processing Summary

		Cases					
		Valid		Missing		Total	
Type Molekular		N	Percent	N	Percent	N	Percent
Nilai Molekular	Germinal Center B Cell	9	100.0%	0	0.0%	9	100.0%
	Non Germinal Center B Cell	27	100.0%	0	0.0%	27	100.0%

Descriptives

				Statistic	Std. Error
Nilai Molekular	Germinal Center	Mean		11.89	3.900
	B Cell	95% Confidence Interval for Mean	Lower Bound	2.90	
			Upper Bound	20.88	
		5% Trimmed Mean		11.60	
		Median		15.00	
		Variance		136.861	
		Std. Deviation		11.699	
		Minimum		0	
		Maximum		29	
		Range		29	
		Interquartile Range		22	
		Skewness		.376	.717
		Kurtosis		-1.463	1.400
	Non Germinal Center B Cell	Mean		14.33	2.899
		95% Confidence Interval for Mean	Lower Bound	8.38	
			Upper Bound	20.29	
		5% Trimmed Mean		13.62	
		Median		5.00	
		Variance		226.846	
		Std. Deviation		15.061	
		Minimum		0	
		Maximum		42	
		Range		42	
		Interquartile Range		24	
		Skewness		.722	.448
		Kurtosis		-1.050	.872

Test Statistics^a

Nilai
Molekular

Mann-Whitney U	106.000
Wilcoxon W	151.000
Z	-.569
Asymp. Sig. (2-tailed)	.570
Exact Sig. [2*(1-tailed Sig.)]	.590 ^b

a. Grouping Variable: Type Molekular

b. Not corrected for ties.

INTENSITAS WARNA

Case Processing Summary

	Type Molekular	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Molekular berdasarkan Intensitas Warna	Germinal Center B Cell	9	100.0%	0	0.0%	9	100.0%
	Non Germinal Center B Cell	27	100.0%	0	0.0%	27	100.0%

Descriptives

	Type Molekular	Statistic		Std. Error
		Statistic	Statistic	Std. Error
Molekular berdasarkan Intensitas Warna	Germinal Center B Cell	Mean	1.67	.373
		95% Confidence Interval for Mean	Lower Bound	.81
		Upper Bound	2.53	
	5% Trimmed Mean	1.69		
	Median	2.00		
	Variance	1.250		
	Std. Deviation	1.118		
	Minimum	0		
	Maximum	3		
	Range	3		
	Interquartile Range	2		
	Skewness	-.537	.717	
	Kurtosis	-.800	1.400	
	Mean	1.67	.169	

Non Germinal Center B Cell	95% Confidence Interval for Mean	Lower Bound	1.32	
		Upper Bound	2.01	
	5% Trimmed Mean		1.69	
	Median		2.00	
	Variance		.769	
	Std. Deviation		.877	
	Minimum		0	
	Maximum		3	
	Range		3	
	Interquartile Range		1	
	Skewness		.000	.448
	Kurtosis		-.650	.872

Test Statistics^a

Molekular
berdasarkan
Intensitas
Warna

Mann-Whitney U	117.000
Wilcoxon W	495.000
Z	-.173
Asymp. Sig. (2-tailed)	.863
Exact Sig. [2*(1-tailed Sig.)]	.886 ^b

a. Grouping Variable: Type Molekular

b. Not corrected for ties.

SKOR

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Type Molekular						

Molekular berdasarkan Skor	Germinal Center B Cell	9	100.0%	0	0.0%	9	100.0%
	Non Germinal Center B Cell	27	100.0%	0	0.0%	27	100.0%

Descriptives

		Type Molekular	Statistic		Std. Error	
Molekular berdasarkan Skor	Germinal Center B Cell	Mean	1.44		.412	
		95% Confidence Interval for Mean	Lower Bound	.49		
			Upper Bound	2.39		
			5% Trimmed Mean	1.44		
		Median	2.00			
		Variance	1.528			
		Std. Deviation	1.236			
		Minimum	0			
		Maximum	3			
		Range	3			
	Interquartile Range	3				
	Skewness	-.092		.717		
	Kurtosis	-1.692		1.400		
	Non Germinal Center B Cell	Mean	1.93		.266	
		95% Confidence Interval for Mean	Lower Bound	1.38		
			Upper Bound	2.47		
			5% Trimmed Mean	1.88		
		Median	1.00			
		Variance	1.917			
		Std. Deviation	1.385			
Minimum		0				
Maximum		5				
Range		5				
Interquartile Range	2					
Skewness	.705		.448			
Kurtosis	-.668		.872			

Test Statistics^a

Molekular
berdasarkan
Skor

Mann-Whitney U	101.000
Wilcoxon W	146.000
Z	-.777
Asymp. Sig. (2-tailed)	.437
Exact Sig. [2*(1-tailed Sig.)]	.472 ^b

- a. Grouping Variable: Type Molekular
- b. Not corrected for ties.

INTENSITAS WARNA X SKOR

Case Processing Summary

	Type Molekular	Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Molekular berdasarkan Intensitas Warna X Skor	Germinal Center B Cell	9	100.0%	0	0.0%	9	100.0%
	Non Germinal Center B Cell	27	100.0%	0	0.0%	27	100.0%

Descriptives

	Type Molekular	Statistic	Std. Error
Molekular berdasarkan Intensitas Warna X Skor	Germinal Center B Cell	Mean	3.33
		95% Confidence Interval for Mean	Lower Bound: .59
			Upper Bound: 6.08
		5% Trimmed Mean	3.20
		Median	2.00
		Variance	12.750
		Std. Deviation	3.571

	Minimum		0	
	Maximum		9	
	Range		9	
	Interquartile Range		7	
	Skewness		.878	.717
	Kurtosis		-.552	1.400
Non	Mean		3.59	.652
Germinal Center B Cell	95% Confidence Interval for Mean	Lower Bound	2.25	
		Upper Bound	4.93	
	5% Trimmed Mean		3.24	
	Median		2.00	
	Variance		11.481	
	Std. Deviation		3.388	
	Minimum		0	
	Maximum		15	
	Range		15	
	Interquartile Range		5	
	Skewness		1.744	.448
	Kurtosis		3.710	.872

Test Statistics^a

Molekular
berdasarkan
Intensitas
Warna X
Skor

Mann-Whitney U	113.000
Wilcoxon W	158.000
Z	-.314
Asymp. Sig. (2-tailed)	.754
Exact Sig. [2*(1-tailed Sig.)]	.774 ^b

a. Grouping Variable: Type Molekular

b. Not corrected for ties.

Lampiran 6 Biodata Peneliti

BIODATA PENELITI



I. Data Pribadi

Nama Lengkap dan Gelar : Hairunnisa
Tempat / Tanggal Lahir : Makassar, 24 Agustus
1999
Jenis Kelamin : Perempuan
Agama : Islam
Pekerjaan : Mahasiswi
Nomor Induk Mahasiswi : C011181322
Alamat : Rusunawa II Unhas Blok
D
No. Telp : 08114067694
Email :
Hairunnisaicha777@gmail.com

II. Riwayat Pendidikan

No.	Strata	Institusi	Tempat	Tahun
1.	TK	TK Dharma Wanita	Barru	2004-2005
2.	SD	SD Inpres Barru 1	Barru	2005-2011
3.	SMP	SMP Neg. 1 Barru	Barru	2011-2014
4.	SMA	SMA Neg. 1 Barru	Barru	2014-2017
5.	S1	Universitas Hasanuddin	Makassar	2018 - Sekarang

III. Riwayat Organisasi

Organisasi	Jabatan	Tahun
Medical Muslim Family	Anggota	2018 – 2021
Himpunan Mahasiswa Islam Komisariat Kedokteran Unhas	Anggota	2019 – 2021
Hipocrates Football Club	Pengurus	2020 -2021

