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LAMPIRAN DOKUMENTASI



proses pembuatan larutan ekstrak *pulp-out* dan sediaan



Penyiapan tikus wistar sebanyak 12 ekor yang berusia 3 bulan dengan berat badan 200gram



a) Pemberian ekstrak *pulp-out* melalui oral tikus wistar, b) pengambilan sampel darah setelah observasi 14 hari pemberian ekstrak, c) tikus wistar di euthanasia, d) sampel organ tikus wistar

LAMPIRAN HASIL HISTOLOGI ORGAN GINJAL TIKUS WISTAR

GINJAL

NO	KODE	DOSIS	GINJAL
1	1.1.	50 MG	1
2	1.2	50 MG	1
3	1.3	50 MG	1
4	2.1.	500 MG	1
5	2.2	500 MG	0
6	2.3	500 MG	2
7	3.1	2500 MG	1
8	3.2	2500 MG	2
9	3.3	2500 MG	1
10	4.1	KONTROL	0
11	4.2	KONTROL	0
12	4.3	KONTROL	0

SKOR KELAINAN GINJAL :

0 = TIDAK ADA KELAINAN

1 = DEGENERASI HIDROFILIK/VAKUOLAR S/D 25%

2 = DEGENERASI HIDROFILIK/VAKUOLAR 26 S/D 50%

3 = DEGENERASI HIDROFILIK/VAKUOLAR 51 S/D 75%

4 = DEGENERASI HIDROFILIK/VAKUOLAR > 75%

LAMPIRAN HASIL SAMPEL DARAH TIKUS WISTAR

N A M A : 1.1 NO. REG : -
U M U R : - TANGGAL : 15 Oktober 2020
JENIS KELAMIN : - dr. Pengirim :
ALAMAT : -

PARAMETER	HASIL	NILAI RUJUKAN
HEMATOLOGI		
White Blood Cell (WBC)	16.7*	ribu/ul
Red Blood Cell (RBC)	9.04	juta/ul
Hemoglobin (Hb)	14.8	gr/dl
Hematokrit (HCT)	50.3	%
Mean Corpuscular Volume (MCV)	55.6*	fl
Mean Corpuscular Hemoglobin (MCH)	16.4*	gr/dl
MCHC	29.4*	%
Platelet	886*	ribu/ul
RDW-SD	52.9	fl
PDW	8.7*	fl
MPV	8.2*	fl
P-LCR	13.7	%
Neutrofil	73	%
Lymphocyt	19.3	%
MXD (Monosit, Eosinofil, Basofil)	7.7	%
KIMIA KLINIK		
Ureum	3.5	mg/dl
Kreatinin	0.6	mg/dl
SGOT	118	ul
SGPT	65	ul

N A M A : 1.2
U M U R : -
JENIS KELAMIN : -
ALAMAT : -

NO. REG : -
TANGGAL : 15 Oktober 2020
dr. Pengirim :

PARAMETER	HASIL	NILAI RUJUKAN
HEMATOLOGI		
White Blood Cell (WBC)	30.8*	ribu/ul
Red Blood Cell (RBC)	8.14	juta/ul
Hemoglobin (Hb)	15.4	gr/dl
Hematokrit (HCT)	52.5*	%
Mean Corpuscular Volume (MCV)	64.5*	fl
Mean Corpuscular Hemoglobin (MCH)	18.9*	gr/dl
MCHC	29.3*	%
Platelet	535*	ribu/ul
RDW-SD	40.7	fl
PDW	9.1	fl
MPV	7.8*	fl
P-LCR	11.3*	%
Neutrofil	0	%
Lymphocyt	0	%
MXD (Monosit, Eosinofil, Basofil)	85.7*	%
KIMIA KLINIK		
Ureum	6.7	mg/dl
Kreatinin	0.9	mg/dl
SGOT	144	ul
SGPT	92	ul

N A M A : 1.3
U M U R : -
JENIS KELAMIN : -
ALAMAT : -

NO. REG : -
TANGGAL : 15 Oktober 2020
dr. Pengirim :

PARAMETER	HASIL	NILAI RUJUKAN
HEMATOLOGI		
White Blood Cell (WBC)	14.1*	ribu/ul
Red Blood Cell (RBC)	8.03*	juta/ul
Hemoglobin (Hb)	14.2	gr/dl
Hematokrit (HCT)	46	%
Mean Corpuscular Volume (MCV)	57.3*	fl
Mean Corpuscular Hemoglobin (MCH)	17.7*	gr/dl
MCHC	30.9*	%
Platelet	759*	ribu/ul
RDW-SD	30.4*	fl
PDW	8.3*	fl
MPV	7.4*	fl
P-LCR	7.3*	%
Neutrofil	0	%
Lymphocyt	0	%
MXD (Monosit, Eosinofil, Basofil)	81.8*	%
KIMIA KLINIK		
Ureum	2	mg/dl
Kreatinin	0.4	mg/dl
SGOT	117	ul
SGPT	85	ul

N A M A : 2.1
U M U R : -
JENIS KELAMIN : -
ALAMAT : -

NO. REG : -
TANGGAL : 15 Oktober 2020
dr. Pengirim :

PARAMETER	HASIL	NILAI RUJUKAN
HEMATOLOGI		
White Blood Cell (WBC)	10	ribu/ul
Red Blood Cell (RBC)	8.07*	juta/ul
Hemoglobin (Hb)	13.5	gr/dl
Hematokrit (HCT)	46.5	%
Mean Corpuscular Volume (MCV)	57.6*	fl
Mean Corpuscular Hemoglobin (MCH)	16.7*	gr/dl
MCHC	29.0*	%
Platelet	596*	ribu/ul
RDW-SD	33.8*	fl
PDW	9.3	fl
MPV	7.6*	fl
P-LCR	8.5*	%
Neutrofil	0	%
Lymphocyt	0	%
MXD (Monosit, Eosinofil, Basofil)	87.2*	%
KIMIA KLINIK		
Ureum	5.3	mg/dl
Kreatinin	0.5	mg/dl
SGOT	142	ul
SGPT	79	ul

N A M A : 2.2
U M U R : -
JENIS KELAMIN : -
ALAMAT : -

NO. REG : -
TANGGAL : 15 Oktober 2020
dr. Pengirim :

PARAMETER	HASIL	NILAI RUJUKAN
HEMATOLOGI		
White Blood Cell (WBC)	15.2*	ribu/ul
Red Blood Cell (RBC)	7.95*	juta/ul
Hemoglobin (Hb)	14	gr/dl
Hematokrit (HCT)	46.7	%
Mean Corpuscular Volume (MCV)	58.7*	fl
Mean Corpuscular Hemoglobin (MCH)	17.6*	gr/dl
MCHC	30.0*	%
Platelet	801*	ribu/ul
RDW-SD	29.9*	fl
PDW	10.1	fl
MPV	8.1*	fl
P-LCR	12.3*	%
Neutrofil	0	%
Lymphocyt	80.2	%
MXD (Monosit, Eosinofil, Basofil)	0	%
KIMIA KLINIK		
Ureum	3.5	mg/dl
Kreatinin	0.5	mg/dl
SGOT	136	ul
SGPT	204	ul

N A M A : 2.3
U M U R : -
JENIS KELAMIN : -
ALAMAT : -

NO. REG : -
TANGGAL : 15 Oktober 2020
dr. Pengirim :

PARAMETER	HASIL	NILAI RUJUKAN
HEMATOLOGI		
White Blood Cell (WBC)	18.8*	ribu/ul
Red Blood Cell (RBC)	7.99*	juta/ul
Hemoglobin (Hb)	14.3	gr/dl
Hematokrit (HCT)	45.9	%
Mean Corpuscular Volume (MCV)	57.4*	fl
Mean Corpuscular Hemoglobin (MCH)	17.9*	gr/dl
MCHC	31.2*	%
Platelet	844*	ribu/ul
RDW-SD	29.7*	fl
PDW	9.7	fl
MPV	8.2*	fl
P-LCR	12.3*	%
Neutrofil	0	%
Lymphocyt	76.8	%
MXD (Monosit, Eosinofil, Basofil)	0	%
KIMIA KLINIK		
Ureum	13.2	mg/dl
Kreatinin	0.6	mg/dl
SGOT	122	ul
SGPT	75	ul

N A M A : 3.1
U M U R : -
JENIS KELAMIN : -
ALAMAT : -

NO. REG : -
TANGGAL : 15 Oktober 2020
dr. Pengirim :

PARAMETER	HASIL	NILAI RUJUKAN
HEMATOLOGI		
White Blood Cell (WBC)	12.6*	ribu/ul
Red Blood Cell (RBC)	8.40*	juta/ul
Hemoglobin (Hb)	15.3	gr/dl
Hematokrit (HCT)	50.4*	%
Mean Corpuscular Volume (MCV)	60.0*	fl
Mean Corpuscular Hemoglobin (MCH)	18.2*	gr/dl
MCHC	30.4*	%
Platelet	570*	ribu/ul
RDW-SD	34.6*	fl
PDW	10.1	fl
MPV	8.1*	fl
P-LCR	11.8*	%
Neutrofil	0	%
Lymphocyt	89.7*	%
MXD (Monosit, Eosinofil, Basofil)	0	%
KIMIA KLINIK		
Ureum	3.2	mg/dl
Kreatinin	0.5	mg/dl
SGOT	176	ul
SGPT	109	ul

N A M A : 3.2
U M U R : -
JENIS KELAMIN : -
ALAMAT : -

NO. REG : -
TANGGAL : 15 Oktober 2020
dr. Pengirim :

PARAMETER	HASIL	NILAI RUJUKAN
HEMATOLOGI		
White Blood Cell (WBC)	19.5*	ribu/ul
Red Blood Cell (RBC)	9.23*	juta/ul
Hemoglobin (Hb)	15.2	gr/dl
Hematokrit (HCT)	50.8*	%
Mean Corpuscular Volume (MCV)	55.0*	fl
Mean Corpuscular Hemoglobin (MCH)	16.5*	gr/dl
MCHC	29.9*	%
Platelet	893*	ribu/ul
RDW-SD	30.2*	fl
PDW	8.1*	fl
MPV	7.3*	fl
P-LCR	5.9*	%
Neutrofil	0	%
Lymphocyt	85.6*	%
MXD (Monosit, Eosinofil, Basofil)	0	%
KIMIA KLINIK		
Ureum	2.9	mg/dl
Kreatinin	0.5	mg/dl
SGOT	102	ul
SGPT	77	ul

N A M A : 3.3
U M U R : -
JENIS KELAMIN : -
ALAMAT : -

NO. REG : -
TANGGAL : 15 Oktober 2020
dr. Pengirim :

PARAMETER	HASIL	NILAI RUJUKAN
HEMATOLOGI		
White Blood Cell (WBC)	16.5*	ribu/ul
Red Blood Cell (RBC)	8.68*	juta/ul
Hemoglobin (Hb)	15.4	gr/dl
Hematokrit (HCT)	49.7*	%
Mean Corpuscular Volume (MCV)	57.3*	fl
Mean Corpuscular Hemoglobin (MCH)	17.7*	gr/dl
MCHC	31.0*	%
Platelet	751*	ribu/ul
RDW-SD	29.7*	fl
PDW	8.6*	fl
MPV	7.4*	fl
P-LCR	7.3*	%
Neutrofil	0	%
Lymphocyt	75.5*	%
MXD (Monosit, Eosinofil, Basofil)	0	%
KIMIA KLINIK		
Ureum	28	mg/dl
Kreatinin	0.5	mg/dl
SGOT	128	ul
SGPT	69	ul

N A M A : 4.1
U M U R : -
JENIS KELAMIN : -
ALAMAT : -

NO. REG : -
TANGGAL : 15 Oktober 2020
dr. Pengirim :

PARAMETER	HASIL	NILAI RUJUKAN
HEMATOLOGI		
White Blood Cell (WBC)	21.0*	ribu/ul
Red Blood Cell (RBC)	8.39*	juta/ul
Hemoglobin (Hb)	15.4	gr/dl
Hematokrit (HCT)	50.6*	%
Mean Corpuscular Volume (MCV)	60.3*	fl
Mean Corpuscular Hemoglobin (MCH)	18.4*	gr/dl
MCHC	30.4*	%
Platelet	755	ribu/ul
RDW-SD	29.9*	fl
PDW	8.6*	fl
MPV	7.4*	fl
P-LCR	8.2*	%
Neutrofil	0	%
Lymphocyt	82.5*	%
MXD (Monosit, Eosinofil, Basofil)	0	%
KIMIA KLINIK		
Ureum	3.8	mg/dl
Kreatinin	0.5	mg/dl
SGOT	124	ul
SGPT	74	ul

N A M A : 4.2
U M U R : -
JENIS KELAMIN : -
ALAMAT : -

NO. REG : -
TANGGAL : 15 Oktober 2020
dr. Pengirim :

PARAMETER	HASIL	NILAI RUJUKAN
HEMATOLOGI		
White Blood Cell (WBC)	19.9*	ribu/ul
Red Blood Cell (RBC)	7.90*	juta/ul
Hemoglobin (Hb)	13.6	gr/dl
Hematokrit (HCT)	43.7	%
Mean Corpuscular Volume (MCV)	55.3*	fl
Mean Corpuscular Hemoglobin (MCH)	17.2*	gr/dl
MCHC	31.1*	%
Platelet	258	ribu/ul
RDW-SD	29.3*	fl
PDW	9.8	fl
MPV	7.7*	fl
P-LCR	10.8*	%
Neutrofil	0	%
Lymphocyt	77.3*	%
MXD (Monosit, Eosinofil, Basofil)	0	%
KIMIA KLINIK		
Ureum	3	mg/dl
Kreatinin	0.6	mg/dl
SGOT	136	ul
SGPT	75	ul

N A M A : 4.3
U M U R : -
JENIS KELAMIN : -
ALAMAT : -

NO. REG : -
TANGGAL : 15 Oktober 2020
dr. Pengirim :

PARAMETER	HASIL	NILAI RUJUKAN
HEMATOLOGI		
White Blood Cell (WBC)	10.6	ribu/ul
Red Blood Cell (RBC)	9.09	juta/ul
Hemoglobin (Hb)	15.9	gr/dl
Hematokrit (HCT)	52.0*	%
Mean Corpuscular Volume (MCV)	57.2*	fl
Mean Corpuscular Hemoglobin (MCH)	17.5*	gr/dl
MCHC	30.6*	%
Platelet	626*	ribu/ul
RDW-SD	32.0*	fl
PDW	8.5	fl
MPV	7.3*	fl
P-LCR	7.1*	%
Neutrofil	0	%
Lymphocyt	77.4*	%
MXD (Monosit, Eosinofil, Basofil)	0	%
KIMIA KLINIK		
Ureum	3.9	mg/dl
Kreatinin	0.4	mg/dl
SGOT	92	ul
SGPT	52	ul



KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI
UNIVERSITAS HASANUDDIN
FAKULTAS KEDOKTERAN GIGI
RUMAH SAKIT GIGI DAN MULUT
KOMITE ETIK PENELITIAN KESEHATAN
Sekretariat : Lantai 2, Gedung Lama RSGM Unhas
Jl.Kandea No. 5 Makassar



Contact Person: drg. Muhammad Iqbal, Sp.Pro/Nur Aedah AR TELP. 081342971011/08114919191

REKOMENDASI PERSETUJUAN ETIK

Nomor: 0112/PL.09/KEPK FKG-RSGM UNHAS/2020

Tanggal: 30 November 2020

Dengan ini menyatakan bahwa protokol dan dokumen yang berhubungan dengan protokol berikut ini telah mendapatkan persetujuan etik:

No. Protokol	UH 17120277	No Protokol Sponsor	
Peneliti Utama	drg. Punggawa Gauk Karim	Sponsor	Pribadi
Judul Peneliti	Uji Toksisitas Akut Pulp-out sebagai Alternatif Bahan Devitalisasi Pulpa : Kajian Histologi Limpa dan Usus		
No. Versi Protokol	1	Tanggal Versi	20 November 2020
No. Versi Protokol		Tanggal Versi	
Tempat Penelitian	Pengambilan sampel dilakukan di Laboratorium Fakultas MIPA Universitas Negeri Makassar dan prosedur laboratorium dilakukan di Laboratorium Sekolah Tinggi Ilmu Farmasi Makassar dan laboratorium Patologi Anatomi RSP Unhas.		
Dokumen Lain			
Jenis Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard	Masa Berlaku 30 November 2020-30 November 2021	Frekuensi Review Lanjutan
Ketua Komisi Etik Penelitian	Nama: Dr. drg. Marhamah, M.Kes	 Fanda Tjandjaja	Tanggal
Sekretaris Komisi Etik Penelitian	Nama: drg. Muhammad Iqbal, Sp.Pro	 Fanda Tjandjaja	Tanggal

Kewajiban peneliti utama:

- Menyerahkan Amandemen Protokol untuk persetujuan sebelum diimplementasikan
- 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 aturan yang berlaku.