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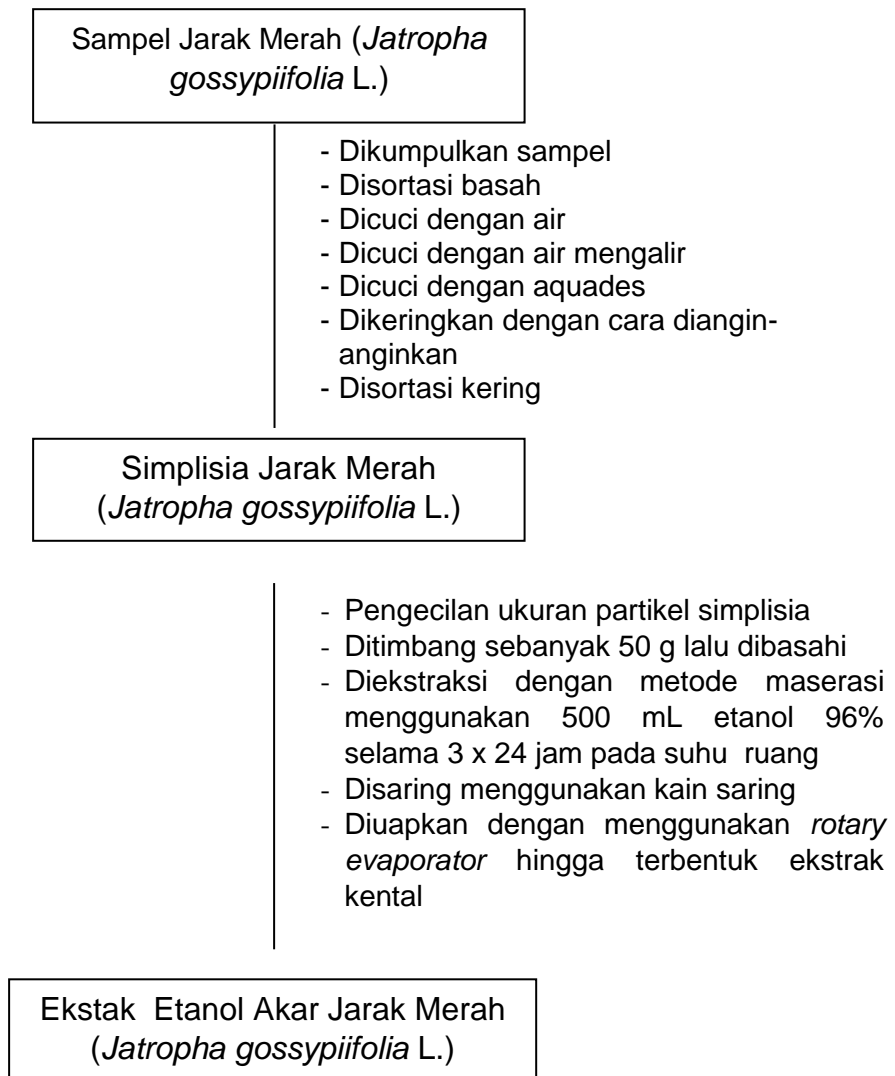
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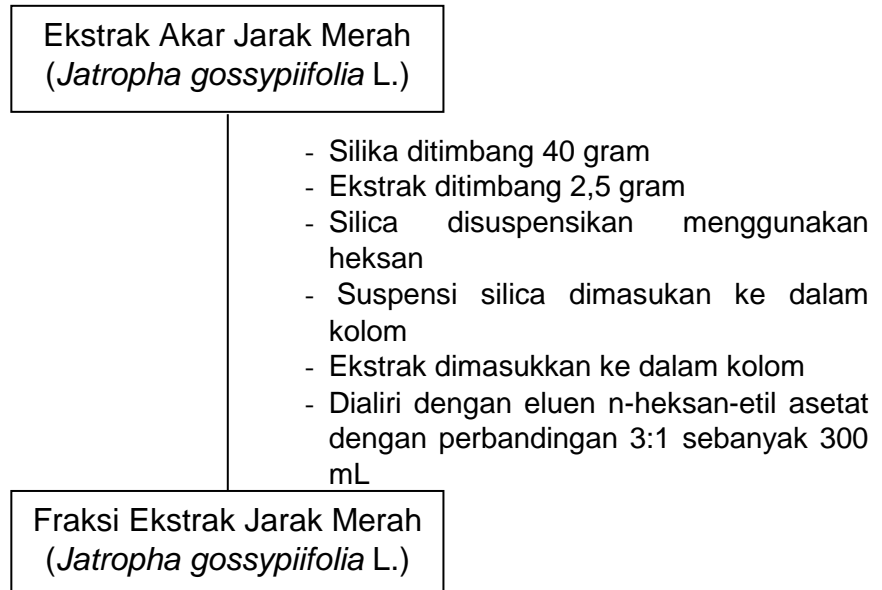
## LAMPIRAN

### Lampiran 1

#### Skema Penyiapan Sampel dan Ekstraksi

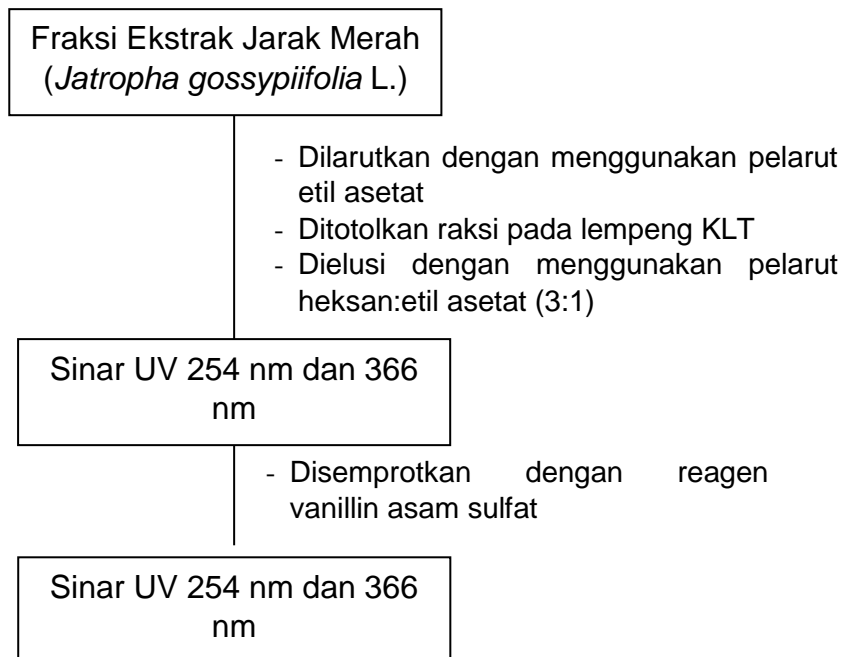


## Lampiran 2 Skema Fraksinasi



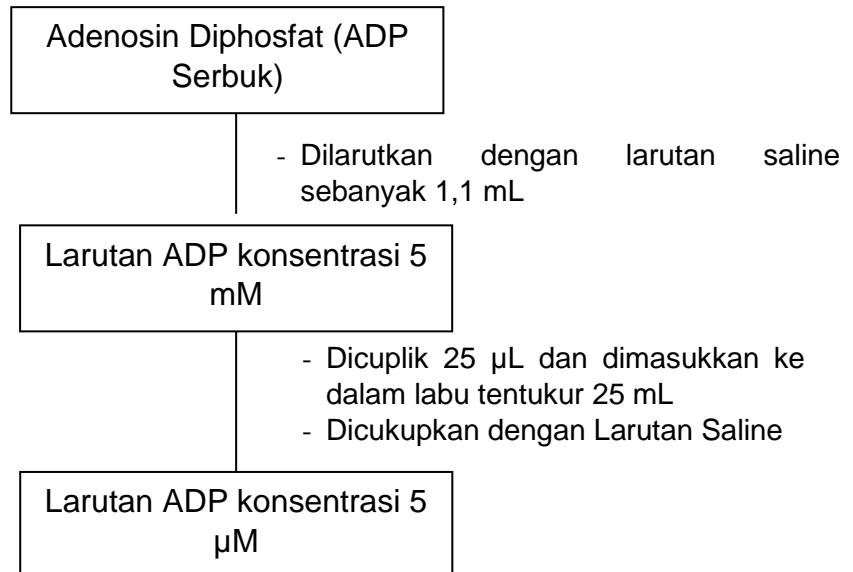
### Lampiran 3

#### Skema Kromatografi Lapis Tipis



#### Lampiran 4

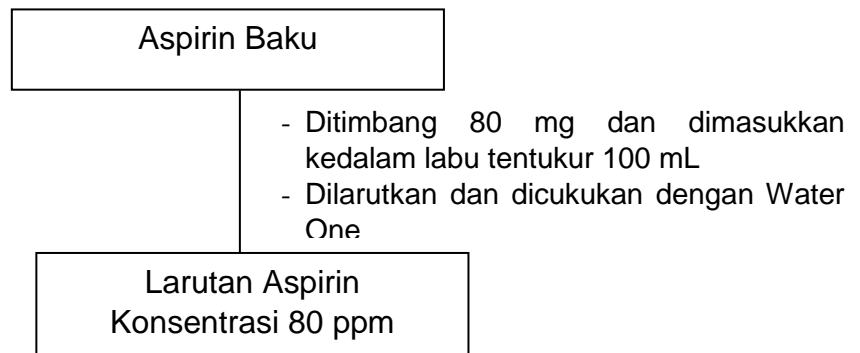
#### Skema Pembuatan Larutan ADP





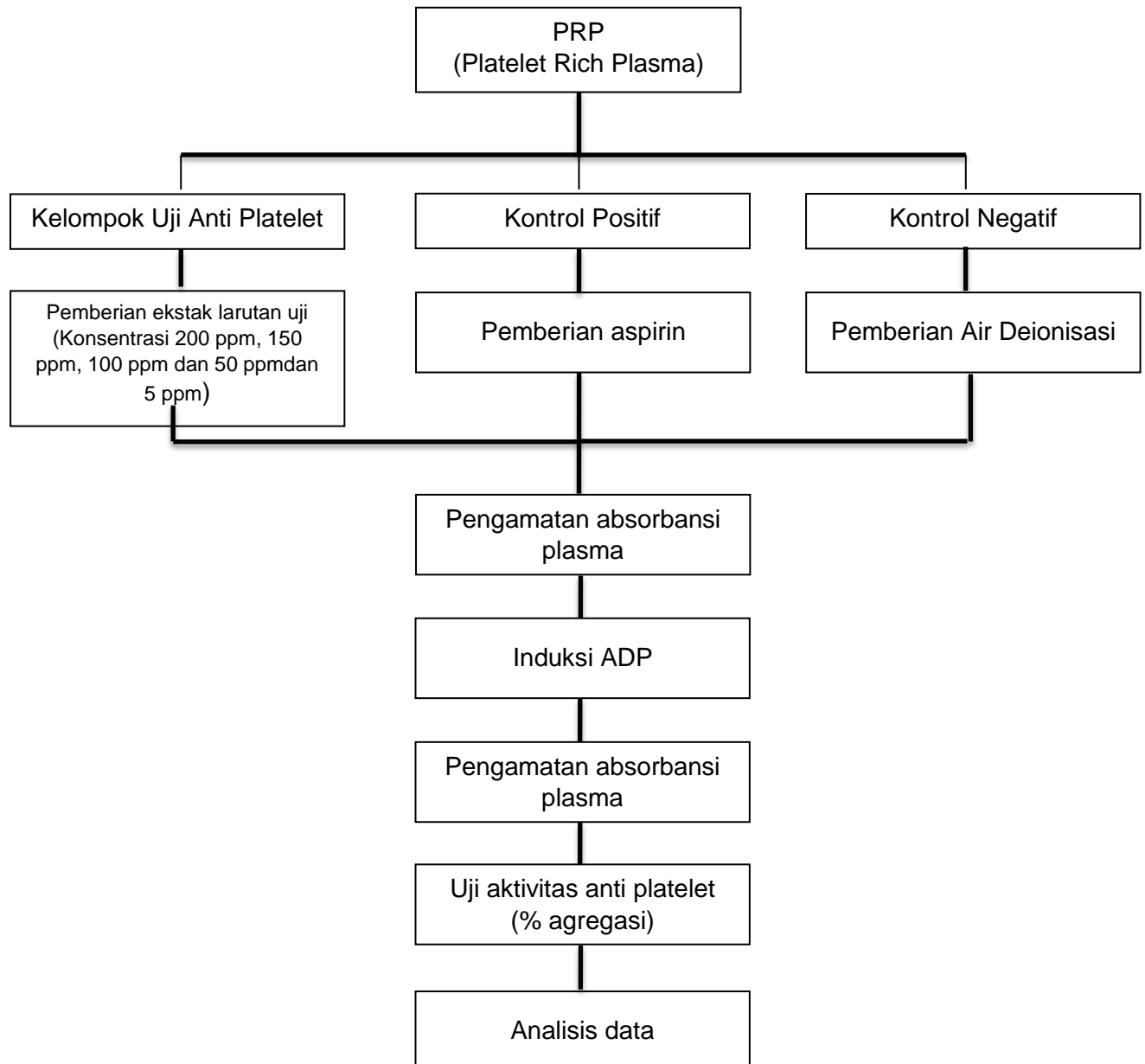
## Lampiran 5

### Skema Pembuatan Larutan Aspirin



## Lampiran 6

### Skema Uji Aktivitas Antiplatelet



## Lampiran 7

### Analisis Statistik

**Tabel 44. Hasil Uji Pendistribusian Data**  
One-Sample Kolmogorov-Smirnov Test

<b>Tests of Normality</b>							
	Kelompok Uji	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
% Agregasi	Kontrol Positif	.333	3	.	.862	3	.272
	Kontrol Negatif	.353	3	.	.824	3	.172
	Konsentrasi 200 ppm	.362	3	.	.804	3	.124
	Konsentrasi 150 ppm	.332	3	.	.863	3	.277
	Konsentrasi 100 ppm	.251	3	.	.966	3	.648
	Konsentrasi 50 ppm	.371	3	.	.784	3	.077
	Konsentrasi 5 ppm	.207	3	.	.992	3	.833
a. Lilliefors Significance Correction							

**Tabel 5. Hasil Uji One-Way Anova**

<b>ANOVA</b>					
% Agregasi					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4478.202	6	746.367	77.594	.000
Within Groups	134.665	14	9.619		
Total	4612.867	20			

Tabel 6. Hasil Uji Post Hoc Tukey

Multiple Comparisons						
Dependent Variable: % Agregasi						
Tukey HSD						
(I) Kelompok Uji	(J) Kelompok Uji	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol Positif	Kontrol Negatif	-49.29667 <sup>*</sup>	2.53231	.000	-57.9435	-40.6499
	Konsentrasi 200 ppm	-8.68000 <sup>*</sup>	2.53231	.049	-17.3268	-.0332
	Konsentrasi 150 ppm	-10.00000 <sup>*</sup>	2.53231	.019	-18.6468	-1.353
	Konsentrasi 100 ppm	-12.61000 <sup>*</sup>	2.53231	.003	-21.2568	-3.9632
	Konsentrasi 50 ppm	-20.17333 <sup>*</sup>	2.53231	.000	-28.8201	-11.5265
	Konsentrasi 5 ppm	-20.74000 <sup>*</sup>	2.53231	.000	-29.3868	-12.0932
Kontrol Negatif	Kontrol Positif	49.29667 <sup>*</sup>	2.53231	.000	40.6499	57.9435
	Konsentrasi 200 ppm	40.61667 <sup>*</sup>	2.53231	.000	31.9699	49.2635
	Konsentrasi 150 ppm	39.29667 <sup>*</sup>	2.53231	.000	30.6499	47.9435
	Konsentrasi 100 ppm	36.68667 <sup>*</sup>	2.53231	.000	28.0399	45.3335
	Konsentrasi 50 ppm	29.12333	2.53231	.000	20.4765	37.7701
	Konsentrasi 5 ppm	28.55667	2.53231	.000	19.9099	37.2035
Konsentrasi 200 ppm	Kontrol Positif	8.68000 <sup>*</sup>	2.53231	.049	.0332	17.3268
	Kontrol Negatif	-40.61667 <sup>*</sup>	2.53231	.000	-49.2635	-31.9699
	Konsentrasi 150 ppm	-1.32000	2.53231	.998	-9.9668	7.3268
	Konsentrasi 100 ppm	-3.93000	2.53231	.712	-12.5768	4.7168
	Konsentrasi 50 ppm	-11.49333	2.53231	.007	-20.1401	-2.8465
	Konsentrasi 5 ppm	-12.06000 <sup>*</sup>	2.53231	.004	-20.7068	-3.4132
Konsentrasi 150 ppm	Kontrol Positif	12.92333	2.53231	.019	1.3532	18.6468
	Kontrol Negatif	-39.29667 <sup>*</sup>	2.53231	.000	-47.9435	-30.6499
	Konsentrasi 200 ppm	1.32000	2.53231	.998	-7.3268	9.9668
	Konsentrasi 100 ppm	-2.61000	2.53231	.938	-18.8201	6.0368
	Konsentrasi 50 ppm	-10.17333 <sup>*</sup>	2.53231	.017	-19.3868	-1.5265
	Konsentrasi 5 ppm	-10.74000 <sup>*</sup>	2.53231	0.11	3.9632	-2.0932
Konsentrasi 100 ppm	Kontrol Positif	12.61000 <sup>*</sup>	2.53231	.003	3.9632	21.5768
	Kontrol Negatif	-36.68667 <sup>*</sup>	2.53231	.000	-45.3335	11.2568
	Konsentrasi 200 ppm	3.93000	2.53231	.712	-4.7168	1.0835
	Konsentrasi 150 ppm	2.61000	2.53231	.938	-6.0368	.5168
	Konsentrasi 50 ppm	-7.56333	2.53231	.105	-16.2101	28.8201
	Konsentrasi 5 ppm	-8.13000	2.53231	.072	-16.7768	-20.4765
Konsentrasi 50 ppm	Kontrol Positif	20.17333 <sup>*</sup>	2.53231	.000	11.5265	28.8201
	Kontrol Negatif	-29.12333 <sup>*</sup>	2.53231	.000	-37.7701	-20.4765

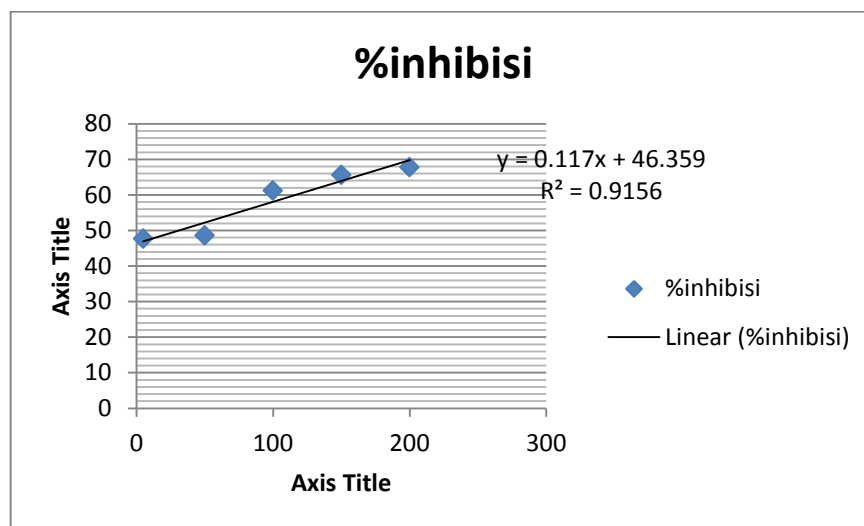
	Konsentrasi 200 ppm	11.49333	2.53231	.007	2.8654	20.1401
	Konsentrasi 150 ppm	10.17333	2.53231	.017	1.5265	18.8201
	Konsentrasi 100 ppm	7.56333	2.53231	.105	-1.0835	16.2101
	Konsentrasi 5 ppm	-.56667	2.53231	1.000	-9.2135	8.0801
Konsentrasi 5 ppm	Kontrol Positif	20.74000	2.53231	.000	12.0932	29.3868
	Kontrol Negatif	-28.55667	2.53231	.000	-37.2035	-19.9099
	Konsentrasi 200 ppm	12.06000	2.53231	.004	3.4132	20.7068
	Konsentrasi 150 ppm	10.74000	2.53231	.011	2.0932	19.3868
	Konsentrasi 100 ppm	8.13000	2.53231	.072	-.5168	16.7768
	Konsentrasi 50 ppm	.56667	2.53231	1.000	-8.0801	9.2135
*. The mean difference is significant at the 0.05 level.						

## Lampiran 8

### Perhitungan IC<sub>50</sub>

**Tabel 7.** Nilai IC<sub>50</sub> dari Fraksi n-heksan-etil asetat JarakMerah

konsentrasi sampel (ppm)	%inhibisi	Nilai IC <sub>50</sub> (ppm)
5 ppm	47.66	31.12
50 ppm	48.60	
100 ppm	61.23	
150 ppm	65.59	
200 ppm	67.79	



### Perhitungan Nilai IC<sub>50</sub>

$$y=50$$

$$x= \text{nilai IC}_{50}$$

$$y= 0.117x + 46.359$$

$$50 = 0.117x + 46.359$$

$$0.117x = 50 - 46.359$$

$$0.117x = 3.641$$

$$x = 31.12 \text{ ppm}$$

maka nilai IC<sub>50</sub> ialah 31.12 ppm

**Lampiran 9**  
**Gambar Penelitian**



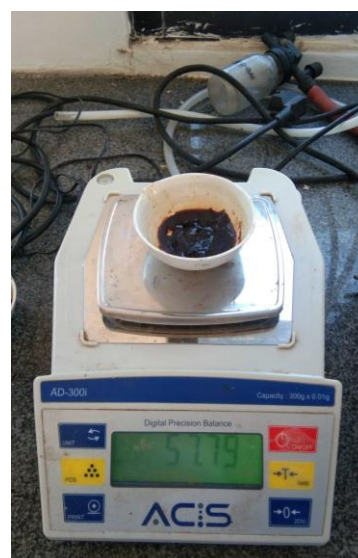
Gambar 8. Sampel Akar Jarak Merah



Gambar 9. Simplisia Akar Jarak Merah



Gambar 10. Ekstrak Etanol Akar Jarak Merah



Gambar 11. Penimbangan Ekstrak Etanol Akar Jarak Merah



Gambar 12. Fraksinasi Sampel



Gambar 13. Pembuatan Larutan Aspirin

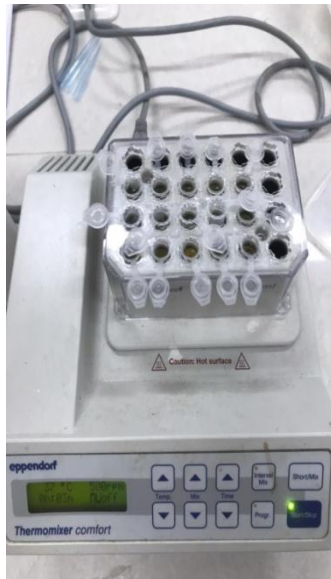


Gambar 14. Pembuatan Larutan ADP



Gambar 15. Platelet Rich Plasma (PRP)





Gambar 16. PRP dan sampel sebelum dan sesudah penambahan ADP yang diinkubasi

## Lampiran 10

### Permohonan Pembelian Darah PMI



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN  
UNIVERSITAS HASANUDDIN  
FAKULTAS FARMASI  
Jalan.Perintis kemerdekaan Km.10, Makassar 90245  
Telepon (0411) 588556, Faksimili (0411) 590663  
Laman: farmasi.unhas.ac.id

Nomor : 1186/UN4.17.1/KP.06.07/2021  
Perihal : Permohonan Pembelian Darah

26 April 2021

Yth. Kepala Unit Transfusi Darah PMI  
Kota Makassar  
Makassar

Dengan hormat, sehubungan dengan pelaksanaan penelitian mahasiswa Fakultas Farmasi Unhas yang dilakukan oleh :

Nama Mahasiswa : A. Annisa Erika Savitri  
Nomor Pokok : N011171540  
Program Studi : S1 Farmasi

Dengan ini kami mengajukan permohonan agar mahasiswa tersebut dapat diizinkan untuk melakukan pembelian darah di UPT PMI Kota Makassar.

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



An. Dekan.

Dekan Bid.Akademik, Riset dan Inovasi,

Dr. er-nat.Marianti A. Manggau, Apt.  
NIDN 16703191992032002

Tembusan :  
1. Ketua Gugus Penjaminan Mutu  
2. Ketua Prodi S1 Farmasi  
Arsip

