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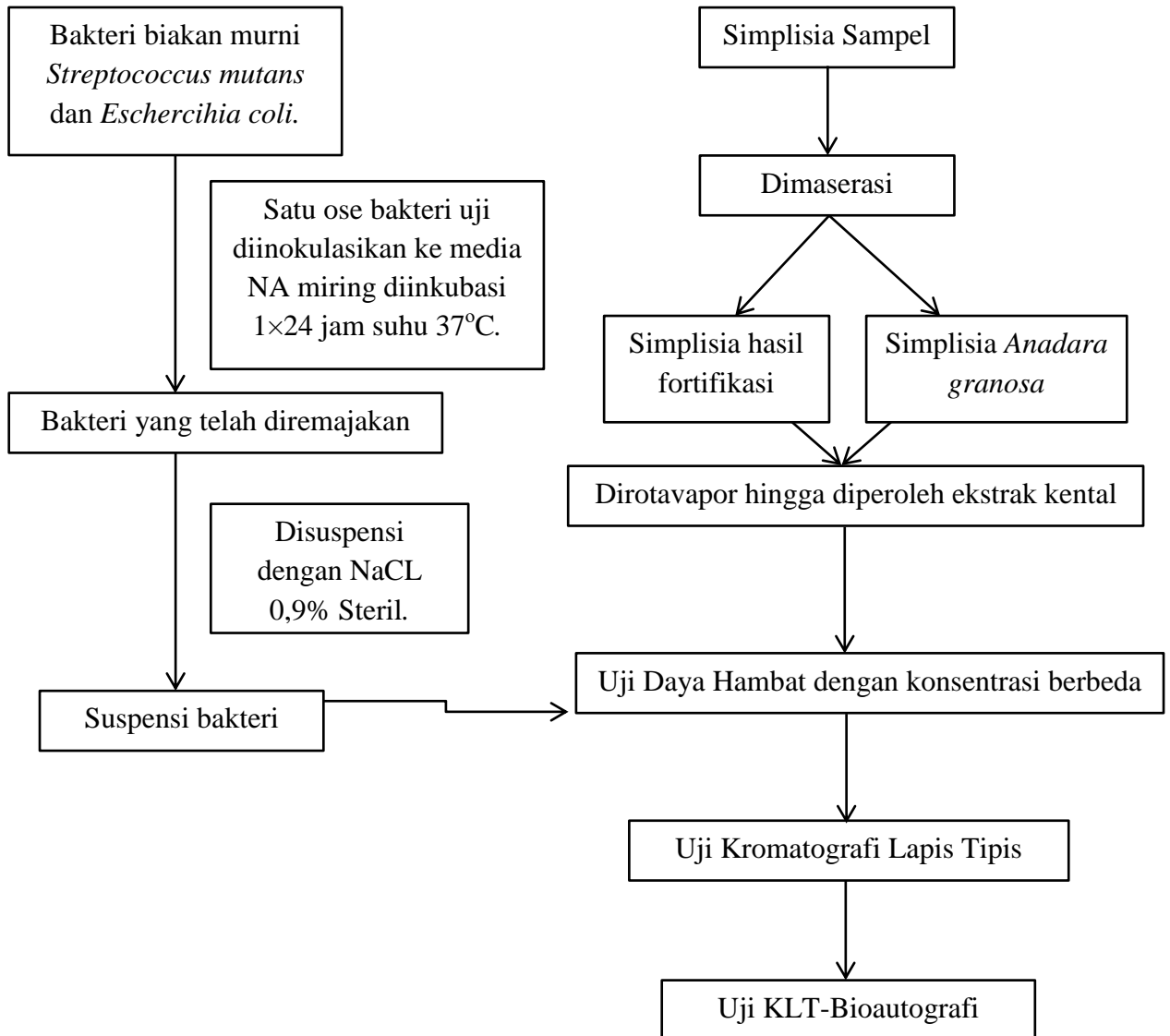
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LAMPIRAN

Lampiran 1. Skema Kerja Ekstraksi, Uji Daya Hambat dan KLT Bioautografi Ekstrak Isi Kapsul Hasil Fortifikasi Kerang Darah *Anadara granosa* L dan *Spirulina platensis*



Lampiran 2. Hasil Ekstrak Simplisia



(A) (B)

Gambar 1. Proses maserasi, (a) simplisia isi kapsul hasil fortifikasi kerang darah *Anadara granosa* L. dan *Spirulina platensis*, (B) Simplisia kerang darah *Anadara granosa* L.



(A) (B)

Gambar 2. (A) Ekstrak kental hasil fortifikasi kerang darah *Anadara granosa* L. dan *Spirulina platensis* dan (B) ekstrak kerang darah *Anadara granosa* L.



Gambar 3. Hasil pengenceran ekstrak sampel hasil fortifikasi dengan konsentrasi berbeda

Lampiran 3. Isolat bakteri uji



Lampiran 4. Hasil pengukuran zona hambat ekstrak isi kapsul hasil fortifikasi kerang darah *Anadara granosa* L. terhadap bakteri *Streptococcus mutans* dan *Escherichia coli* pada masa inkubasi 1×24 jam dan 2×24 jam (menggunakan konsentrasi tinggi).

Nama Bakteri Uji	Waktu inkubasi	Diameter Zona Hambatan (mm)						
		25%	50%	75%	100%	Ag 25%	Kontrol (+)	Kontrol (-)
<i>Streptococcus mutans</i>	1×24 jam	7,10	0	0	0	10,32	24,15	0
	2×24 jam	7,22	0	0	0	10,48	23,90	0
<i>Escherichia coli</i>	1×24 jam	7,85	0	0	0	10,78	24,45	0
	2×24 jam	9,75	0	0	0	12,22 5	24,08	0

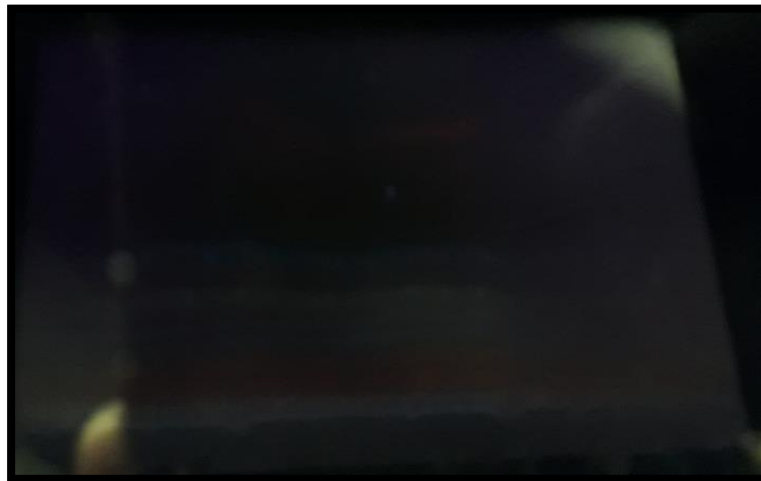
Lampiran 5. Hasil pengukuran zona hambat ekstrak isi kapsul hasil fortifikasi kerang darah *Anadara granosa* L. terhadap bakteri *Streptococcus mutans* dan *Escherichia coli* pada masa inkubasi 1×24 jam dan 2×24 jam (menggunakan konsentrasi rendah).

Nama Bakteri Uji	Waktu inkubasi	Diameter Zona Hambatan (mm)						
		10%	15%	20%	25%	Ag 25%	Kontrol (+)	Kontrol (-)
<i>Streptococcus mutans</i>	1×24 jam	0	0	0	0	8,15	25,50	0
	2×24 jam	0	0	0	0	8,45	25,42	0
<i>Escherichia coli</i>	1×24 jam	0	0	0	0	9,25	26,08	0
	2×24 jam	0	0	0	0	9,325	25,90	0

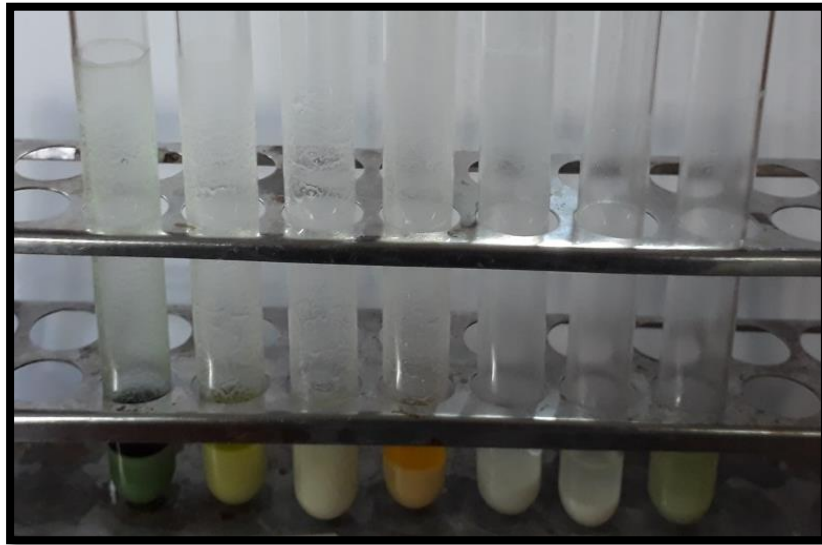
Lampiran 6. Hasil Kromatografi Lapis Tipis



Gambar. 5. Bercak noda yang tampak pada UV 245 nm

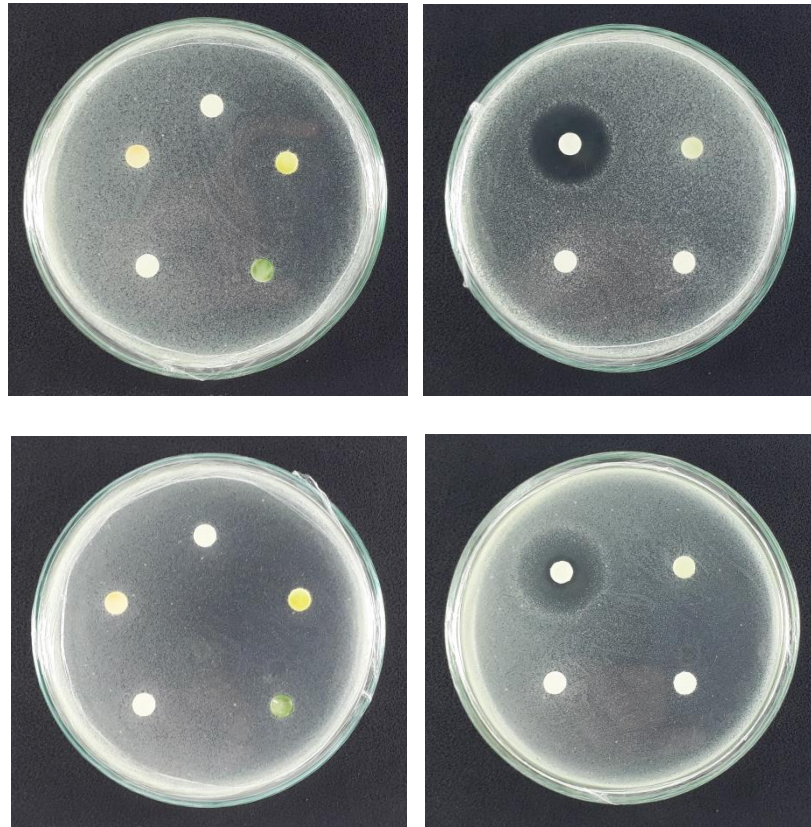


Gambar. 6. Bercak noda yang tampak pada UV 365 nm

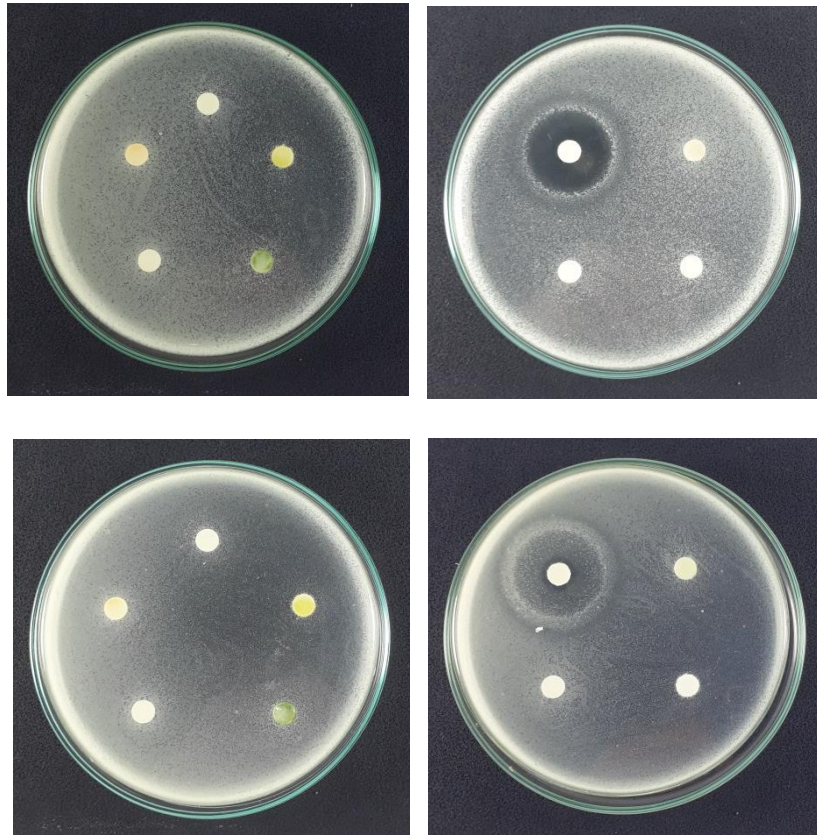


Gambar 7. Isolat hasil pemisahan kromatografi Lapis Tipis

Lampiran 7. Hasil Kromatografi Lapis Tipis Bioautografi



Gambar 8. Hasil KLT-Bioautografi inkubasi 1×24 jam



Gambar 9. Hasil KLT-Bioautografi 2 × 24 jam