

DAFTAR PUSTAKA

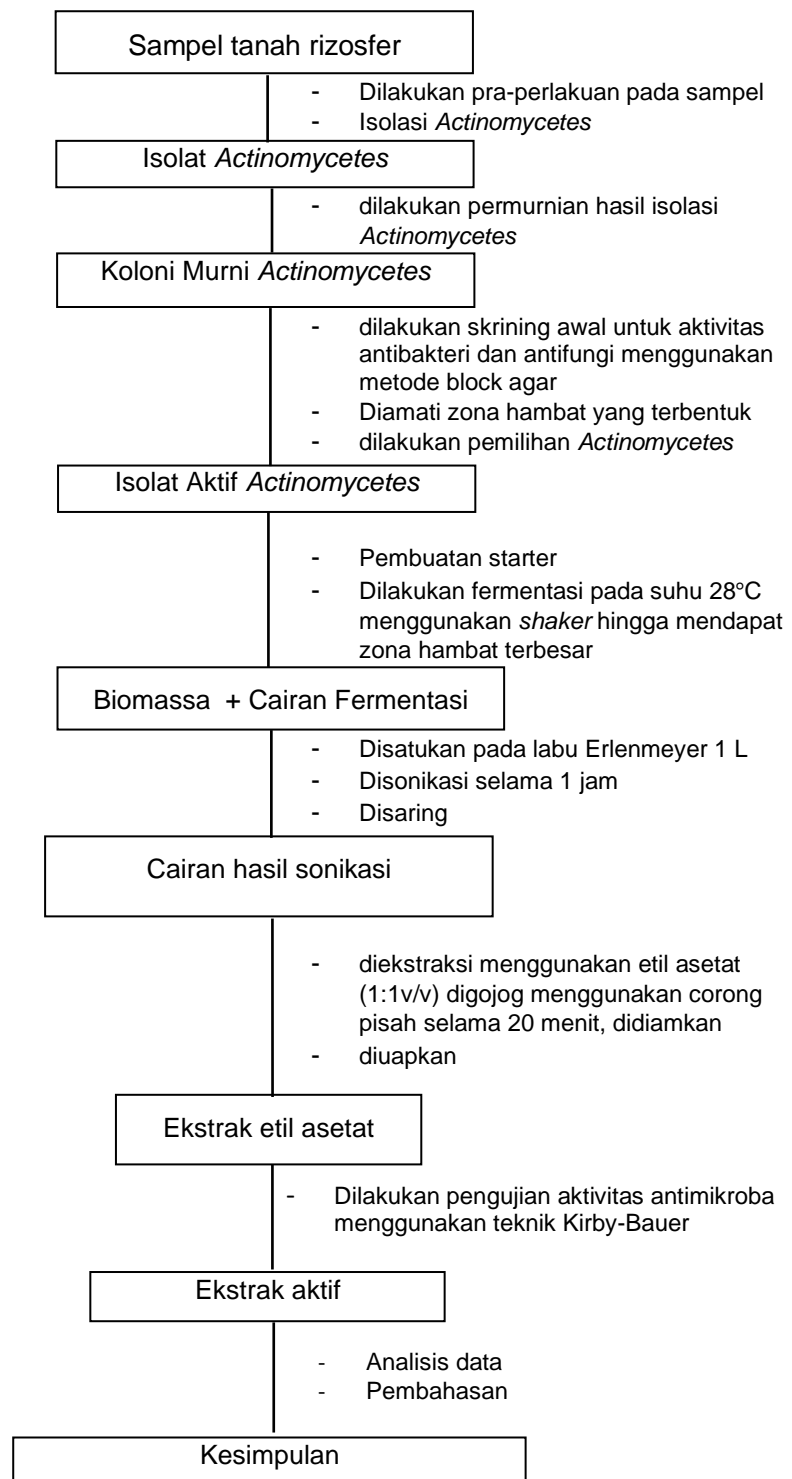
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LAMPIRAN**Lampiran 1. Skema kerja penelitian**

Lampiran 2. Komposisi Media

Tabel 4. Komposisi Media NA

Nama Bahan	Jumlah
<i>Beef extract</i>	0,3 g
Pepton	0,5 g
Agar	1,5 g
Aquadest	ad 100 mL

Tabel 5. Komposisi Media PDA

Nama Bahan	Jumlah
Pati kentang	0,4 g
Dekstrosa	2 g
Agar	1,5 g
Aquadest	ad 100 mL

Tabel 6. Komposisi Media MHA

Nama Bahan	Jumlah
<i>Beef extract</i>	0,2 g
<i>Casein hydrolysate</i>	1,75 g
<i>Starch</i>	0,15 g
<i>Agar</i>	1,7 g
Aquadest	ad 100 mL

Tabel 7. Komposisi Media ISP-4

Nama Bahan	Jumlah
<i>Starch</i>	1 g
<i>Dipotassium hydrogen phosphate</i>	0,1 g
<i>Magnesium sulphate heptahydrate</i>	0,1 g
<i>Sodium chloride</i>	0,1 g
<i>Ammonium sulphate</i>	0,2 g
<i>Calcium carbonate</i>	0,2 g
<i>Ferrous sulphate heptahydrate</i>	0,0001 g
<i>Manganous chloride, heptahydrate</i>	0,0001 g
<i>Zinc sulphate heptahydrate</i>	0,0001 g
Agar	2 g

Aquadest

ad 100 mL

Tabel 8. Komposisi Media ISP-4 + Air Laut

Nama Bahan	Jumlah
<i>Starch</i>	1 g
<i>Dipotassium hydrogen phosphate</i>	0,1 g
<i>Magnesium sulphate heptahydrate</i>	0,1 g
<i>Sodium chloride</i>	0,1 g
<i>Ammonium sulphate</i>	0,2 g
<i>Calcium carbonate</i>	0,2 g
<i>Ferrous sulphate heptahydrate</i>	0,0001 g
<i>Manganous chloride, heptahydrate</i>	0,0001 g
<i>Zinc sulphate heptahydrate</i>	0,0001 g
Agar	2 g
Air laut	ad 100 mL

Tabel 9. Komposisi Media ISP-2

Nama Bahan	Jumlah
<i>Yeast extract</i>	0,4 g
<i>Malt extract</i>	1 g
<i>Dextrose</i>	0,4 g
Agar	2 g
Aquadest	ad 100 mL

Lampiran 3. Tabel Diameter Zona Hambat

Tabel 10. Diameter zona hambat pada bakteri uji *E. coli*

Kontrol	Jenis Ekstrak	Diameter Zona Hambat (mm)	Rata-Rata	SD
-	Etil Asetat	14,23	13,70	0,65
		13,92		
		12,97		
-	Air	-	-	-
		-		
		-		
Kontrol Positif (Amoxicillin)	-	12,95	13,44	0,68
		13,16		
		14,23		
Kontrol Negatif (DMSO 10%)	-	-	-	-
		-		
		-		
Kontrol Negatif (Air Steril)	-	-	-	-
		-		
		-		

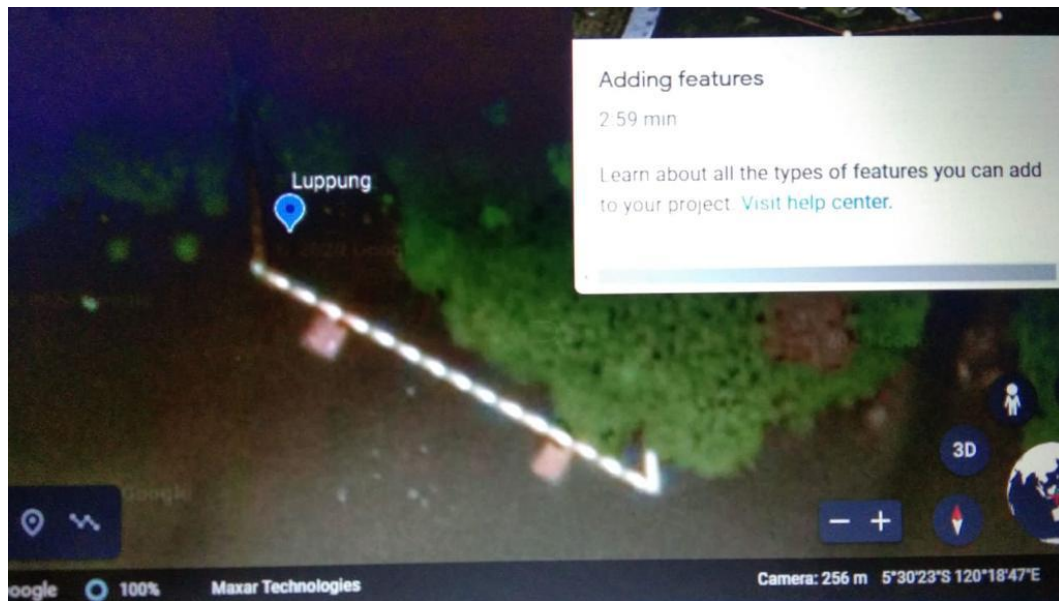
Tabel 11. Diameter zona hambat pada bakteri uji *C. albicans*

Kontrol	Jenis Ekstrak	Diameter Zona Hambat (mm)	Rata-Rata	SD
-	Etil Asetat	12,87	13,32	1,64
		11,95		
		15,15		
-	Air	12,53	11,76	1,14
		10,45		
		12,32		
Kontrol Positif (Nistatin)	-	25,65	25,30	0,94
		24,23		
		26,03		
Kontrol Negatif (DMSO 10%)	-	-	-	-
		-		
		-		
Kontrol Negatif (Air Steril)	-	-	-	-
		-		
		-		

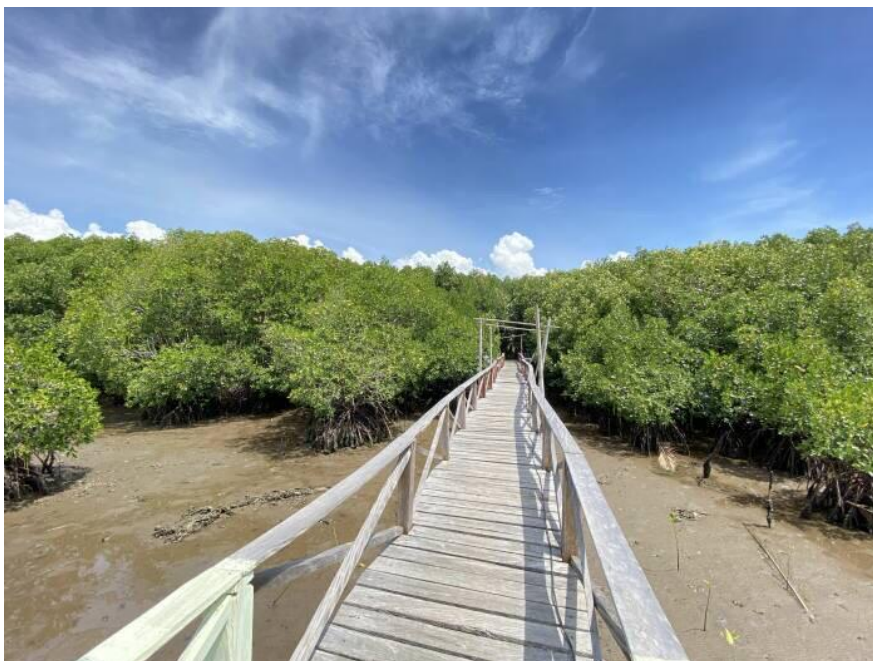
Tabel 12. Diameter zona hambat pada bakteri uji *A. niger*

Kontrol	Jenis Ekstrak	Diameter Zona Hambat (mm)	Rata-Rata	SD
-	Etil Asetat	10,06	10,34	0,24
		10,47		
		10,50		
-	Air	-	-	-
		-		
		-		
Kontrol Positif (Nistatin)	-	26,60	26,95	0,32
		27,24		
		27,03		
Kontrol Negatif (DMSO 10%)	-	-	-	-
		-		
		-		
Kontrol Negatif (Air Steril)	-	-	-	-
		-		
		-		

Lampiran 4. Lokasi Pengambilan Sampel

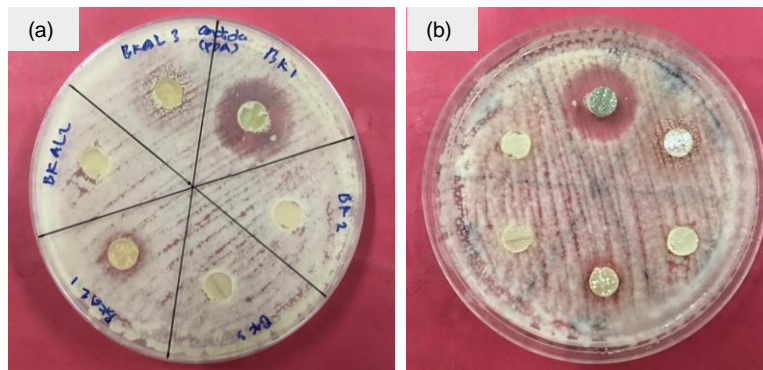


Gambar 9. Peta lokasi pengambilan sampel

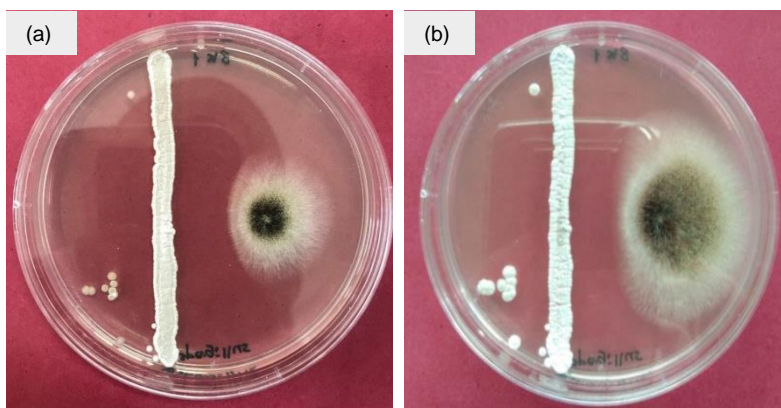


Gambar 10. Tempat Pengambilan Sampel

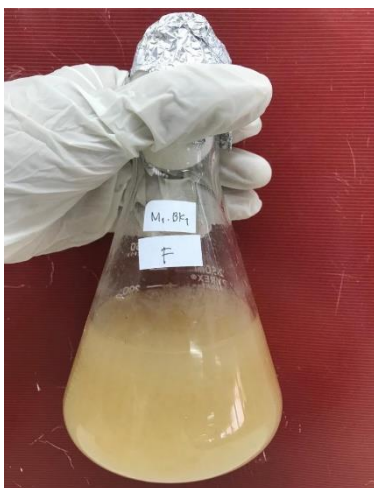
Lampiran 4. Gambar Hasil Penelitian



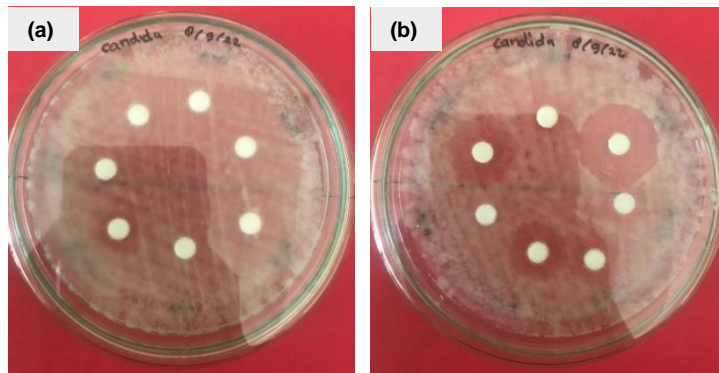
Gambar 11. Hasil uji antagonis isolat terhadap *C. albicans* (a) tampak belakang, (b) tampak depan



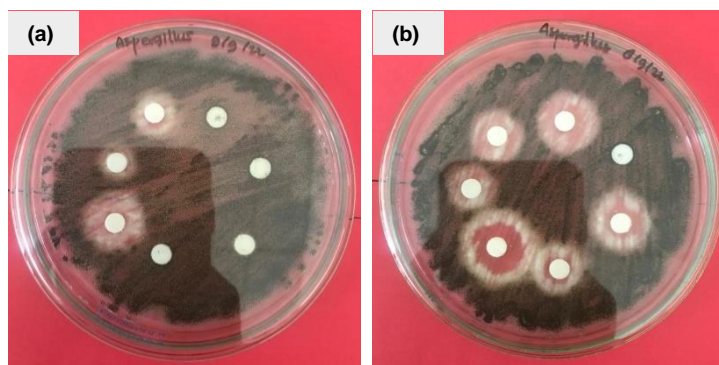
Gambar 12. Hasil uji antagonis isolat terhadap *A. niger* (a) pengamatan hari ke-3, (b) pengamatan hari ke-7



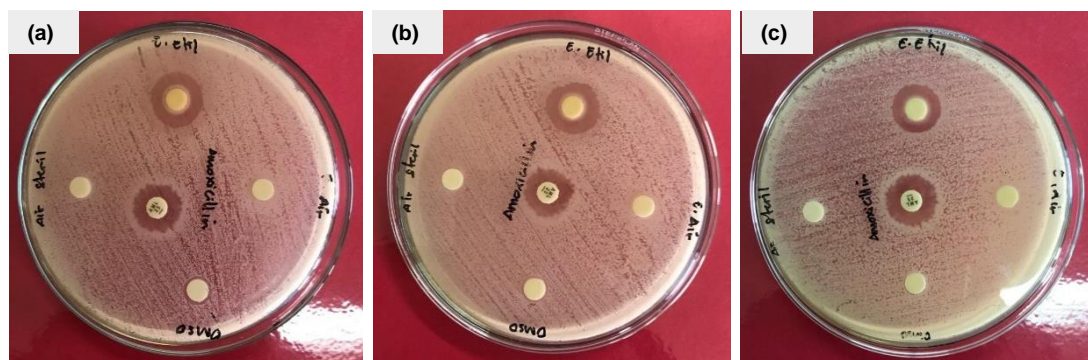
Gambar 13. Hasil fermentasi selama 12 hari



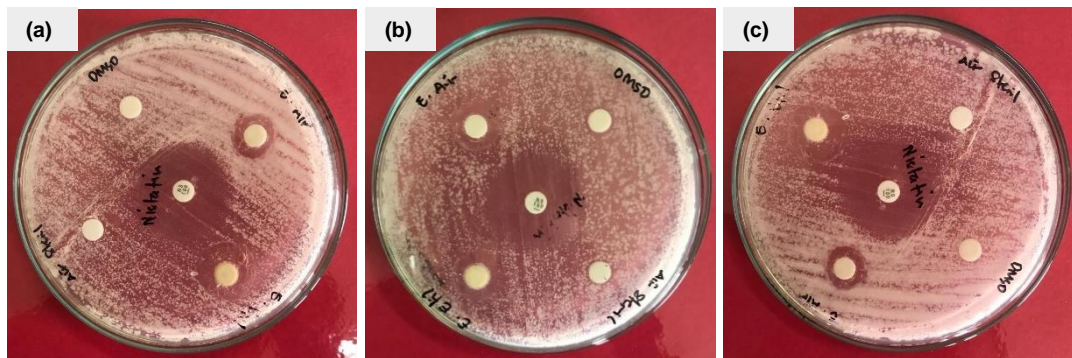
Gambar 14. Hasil uji fermentasi isolat terhadap *C. albicans* (a) pencuplikan hari ke-1 sampai hari ke-7, (b) pencuplikan hari ke-8 sampai hari ke-14



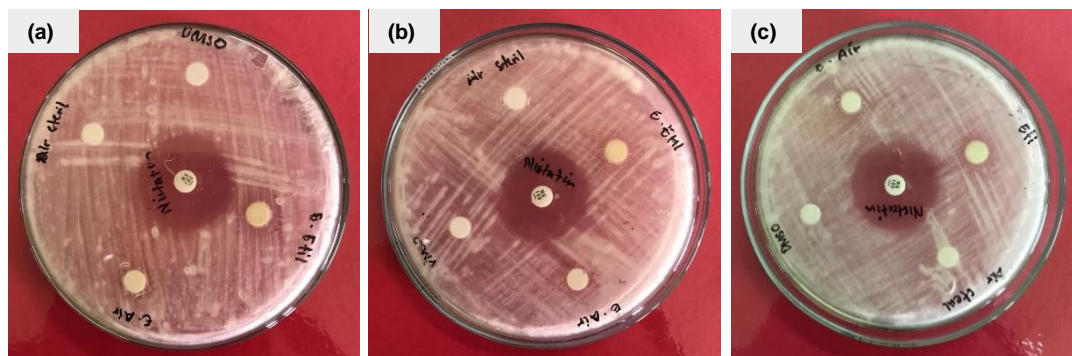
Gambar 15. Hasil uji Fermentasi isolat terhadap *A. niger* (a) pencuplikan hari ke-1 sampai hari ke-7, (b) pencuplikan hari ke-8 sampai hari ke-14



Gambar 16. Hasil uji aktivitas antimikroba terhadap *E. coli* (a) replikasi 1, (b) replikasi 2, (c) replikasi 3



Gambar 17. Hasil uji aktivitas antimikroba terhadap *C. albicans* (a) replikasi 1, (b) replikasi 2, (c) replikasi 3



Gambar 18. Hasil uji aktivitas antimikroba terhadap *A. niger* (a) replikasi 1, (b) replikasi 2, (c) replikasi 3