

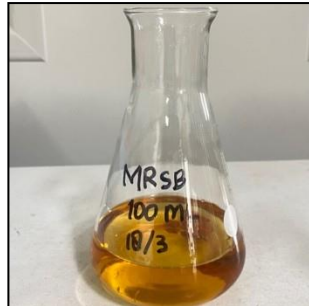
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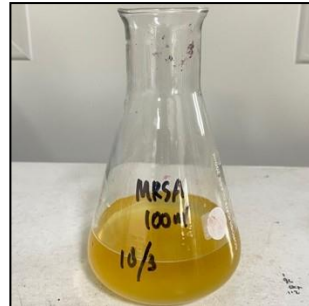
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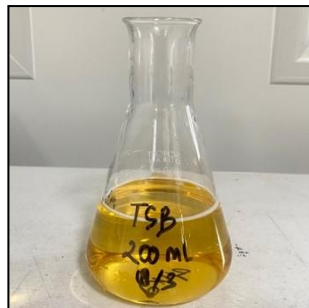
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**LAMPIRAN****Lampiran 1. Medium Pertumbuhan yang Digunakan pada Penelitian**

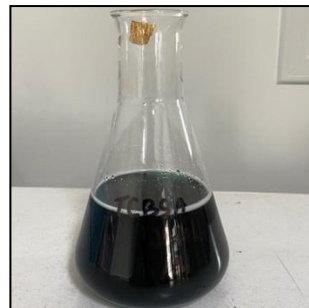
Media MRSB



Media MRSA

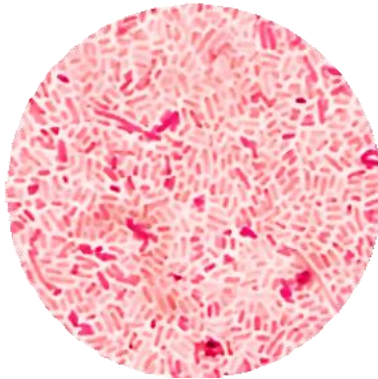


Media TSB



Media TCBSA

**Lampiran 2. Pengamatan Secara Mikroskopis Bakteri Uji**



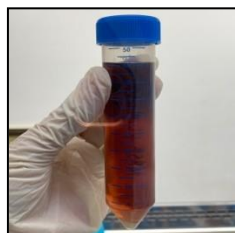
Pengamatan secara mikroskopis bakteri *Vibrio harveyi* dengan pewarnaan gram



Pengamatan secara mikroskopis bakteri *Lactobacillus plantarum* dengan pewarnaan gram

**Lampiran 3.** Proses Pembuatan *Cell-Free Supernatant* (CFS) *L. plantarum*

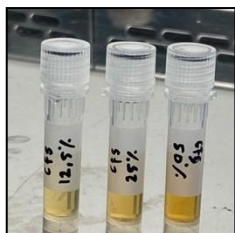
Kultur bakteri *L. plantarum* pada media MRSA



Kultur bakteri *L. plantarum* pada media MRSB yang telah diinkubasi selama 48 jam kemudian disterifugasi pada kecepatan 3000 rpm, 20 °C selama 15 menit



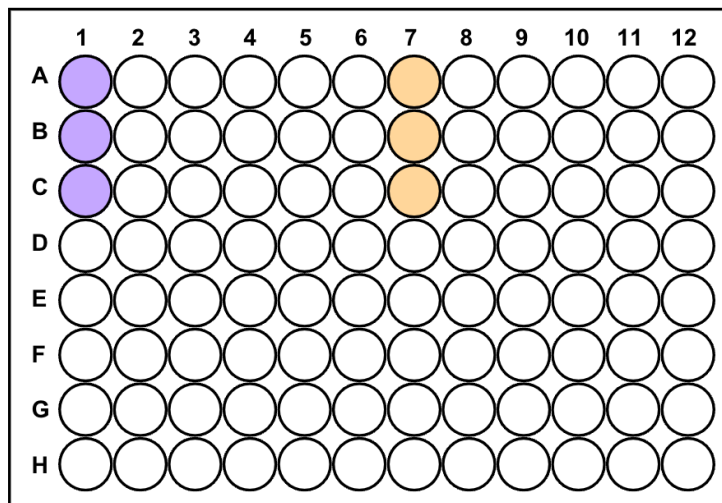
Hasil CFS yang telah disaring menggunakan filter 0,22 µm



Pembuatan tiga macam konsentrasi CFS (12,5%, 25%, dan 50% dengan penambahan media TSB)



CFS dihomogenkan menggunakan vortex

**Lampiran 4.** Gambaran Uji Deteksi Pembentukan Biofilm pada *Microplate***Gambaran Uji Deteksi Pembentukan Biofilm pada *Microplate***

Keterangan:

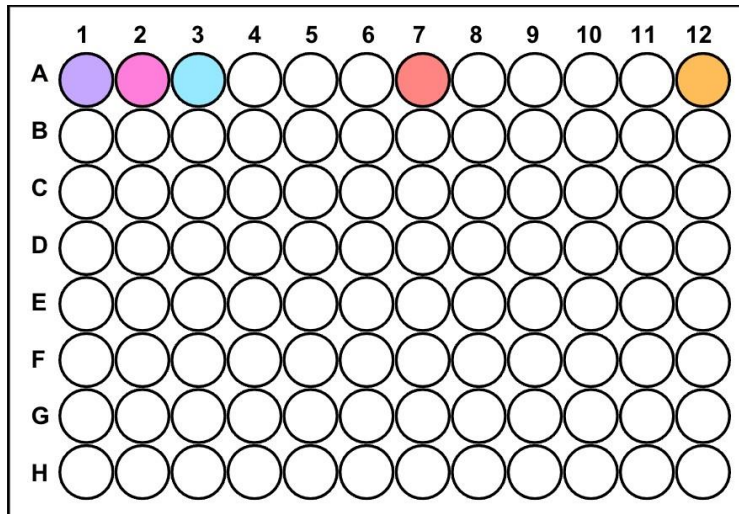


Kelompok uji suspensi *V. harveyi*



Kelompok kontrol media



**Lampiran 5.** Gambaran Uji Aktivitas Antibiofilm pada *Microplate***Gambaran Uji Pencegahan Penempelan Biofilm, Penghambatan Pembentukan Biofilm, dan Penghancuran Biofilm pada *Microplate***

Keterangan:

- Kelompok uji CFS 12,5% pada *V. harveyi*
- Kelompok uji CFS 25% pada *V. harveyi*
- Kelompok uji CFS 25% pada *V. harveyi*
- Kelompok kontrol negatif *V. harveyi*
- Kelompok kontrol media

**Lampiran 6.** Hasil Uji Aktivitas Pencegahan Penempelan Biofilm pada *Microplate*

Konsentrasi CFS  
12,5% pada *Vibrio*  
*harveyi*



Konsentrasi CFS  
25% pada *Vibrio*  
*harveyi*



Konsentrasi CFS  
50% pada *Vibrio*  
*harveyi*



Kontrol negatif



Kontrol media

**Lampiran 7.** Hasil Uji Aktivitas Penghambatan Pembentukan Biofilm pada *Microplate*



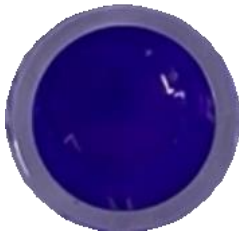
Konsentrasi CFS  
12,5% pada *Vibrio*  
*harveyi*



Konsentrasi CFS  
25% pada *Vibrio*  
*harveyi*



Konsentrasi CFS  
50% pada *Vibrio*  
*harveyi*



Kontrol negatif



Kontrol media

**Lampiran 8.** Hasil Uji Aktivitas Penghancuran Biofilm pada *Microplate*

Konsentrasi CFS  
12,5% pada *Vibrio  
harveyi*



Konsentrasi CFS  
25% pada *Vibrio  
harveyi*



Konsentrasi CFS  
50% pada *Vibrio  
harveyi*



Kontrol negatif



Kontrol media

**Lampiran 9. Data Hasil Uji Antibiofilm****A. Uji Pencegahan Penempelan Biofilm**

Kelompok Perlakuan	Nilai <i>Optical Density</i> (OD)	%Pencegahan
CFS 12,5%	0,0697	50,18%
CFS 25%	0,1058	24,37%
CFS 50%	0,0906	35,24%
Kontrol Negatif	0,1399	0%
Kontrol Media	0,1384	

**B. Uji Penghambatan Pembentukan Biofilm**

Kelompok Perlakuan	Nilai <i>Optical Density</i> (OD)	%Penghambatan
CFS 12,5%	0,3102	13,91%
CFS 25%	0,2934	18,57%
CFS 50%	0,1597	55,68%
Kontrol Negatif	0,3603	0%
Kontrol Media	0,0717	

**C. Uji Penghancuran/Degradasi Biofilm**

Kelompok Perlakuan	Nilai <i>Optical Density</i> (OD)	%Penghancuran
CFS 12,5%	0,2515	11,97%
CFS 25%	0,2418	15,37%
CFS 50%	0,2472	13,48%
Kontrol Negatif	0,2857	0%
Kontrol Media	0,1730	