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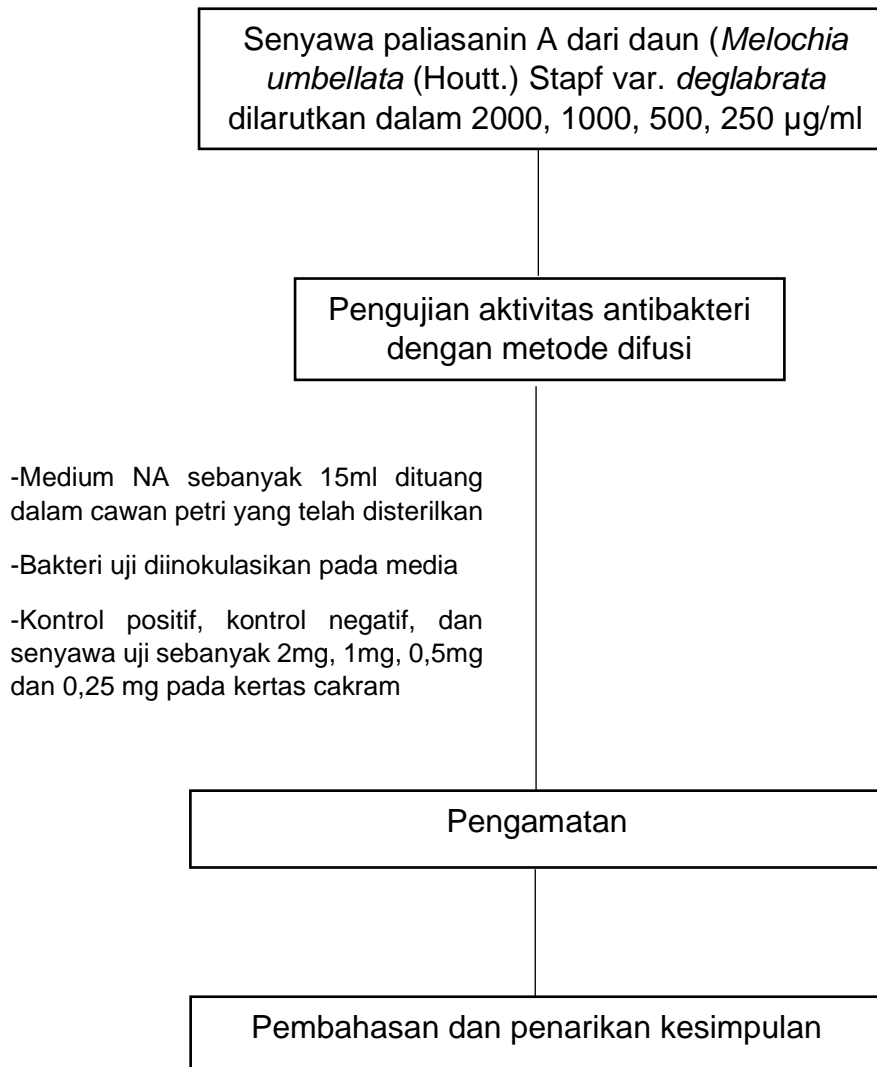
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## Lampiran 1. Skema kerja

### Skema Kerja Umum



## Lampiran 2. Tabel hasil uji penelitian

**Tabel 2. Diameter zona hambat paliasanin A terhadap *E. coli***

| Replikasi                 | Diameter Zona Hambat (mm)  |                            |                            |                           |
|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|
|                           | Paliasanin A<br>40 µg/disc | Paliasanin A<br>20 µg/disc | Paliasanin A<br>10 µg/disc | Paliasanin A<br>5 µg/disc |
| Replikasi 1               | 6,64                       | 6,41                       | 6,26                       | 6,18                      |
| Replikasi 2               | 6,42                       | 6,65                       | 6,41                       | 6,18                      |
| Replikasi 3               | 6,71                       | 6,41                       | 6,32                       | 6,15                      |
| <b>Nilai Rata-Rata±SD</b> | <b>6,59±0,15</b>           | <b>6,49±0,14</b>           | <b>6,33±0,08</b>           | <b>6,17±0,02</b>          |

**Tabel 3. Diameter zona hambat paliasanin A terhadap *P. aeruginosa***

| Replikasi                 | Diameter Zona Hambat (mm)  |                            |                            |                           |
|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|
|                           | Paliasanin A<br>40 µg/disc | Paliasanin A<br>20 µg/disc | Paliasanin A<br>10 µg/disc | Paliasanin A<br>5 µg/disc |
| Replikasi 1               | 6,90                       | 6,70                       | 6,42                       | 6,27                      |
| Replikasi 2               | 6,86                       | 6,54                       | 6,32                       | 6,23                      |
| Replikasi 3               | 6,96                       | 6,55                       | 6,22                       | 6,16                      |
| <b>Nilai Rata-Rata±SD</b> | <b>6,91±0,05</b>           | <b>6,60±0,09</b>           | <b>6,32±0,10</b>           | <b>6,22±0,05</b>          |

**Tabel 4. Diameter zona hambat paliasanin A terhadap *S. aureus***

| Replikasi                 | Diameter Zona Hambat (mm)  |                            |                            |                           |
|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|
|                           | Paliasanin A<br>40 µg/disc | Paliasanin A<br>20 µg/disc | Paliasanin A<br>10 µg/disc | Paliasanin A<br>5 µg/disc |
| Replikasi 1               | 6,64                       | 6,41                       | 6,26                       | 6,18                      |
| Replikasi 2               | 6,42                       | 6,65                       | 6,41                       | 6,18                      |
| Replikasi 3               | 6,71                       | 6,41                       | 6,32                       | 6,15                      |
| <b>Nilai Rata-Rata±SD</b> | <b>6,83±0,17</b>           | <b>6,59±0,24</b>           | <b>6,43±0,16</b>           | <b>6,27±0,11</b>          |

### Lampiran 3. Data Hasil Uji Statistik

#### Lampiran 3.1 Bakteri uji *E. coli*

**Tabel 5. Hasil pengujian statistik normalitas dan Kruskal-Wallis bakteri *E. coli***

| Tests of Normality                    |             |                                 |    |      |              |    |      |
|---------------------------------------|-------------|---------------------------------|----|------|--------------|----|------|
|                                       | konsentrasi | Kolmogorov-Smirnov <sup>a</sup> |    |      | Shapiro-Wilk |    |      |
|                                       |             | Statistic                       | df | Sig. | Statistic    | df | Sig. |
| Zona hambat                           | 40          | .306                            | 3  | .    | .905         | 3  | .401 |
|                                       | 20          | .385                            | 3  | .    | .750         | 3  | .000 |
|                                       | 10          | .223                            | 3  | .    | .985         | 3  | .763 |
|                                       | 5           | .385                            | 3  | .    | .750         | 3  | .000 |
| a. Lilliefors Significance Correction |             |                                 |    |      |              |    |      |

#### Kruskal-Wallis Test

| Test Statistics <sup>a,b</sup>    |             |
|-----------------------------------|-------------|
|                                   | Zona hambat |
| Kruskal-Wallis H                  | 10.152      |
| df                                | 3           |
| Asymp. Sig.                       | .017        |
| a. Kruskal Wallis Test            |             |
| b. Grouping Variable: konsentrasi |             |

#### Lampiran 3.2 Bakteri uji *S. aureus*

**Tabel 6. Hasil pengujian statistik normalitas dan Kruskal-Wallis bakteri *S. aureus***

| Tests of Normality                    |             |                                 |    |      |              |    |      |
|---------------------------------------|-------------|---------------------------------|----|------|--------------|----|------|
|                                       | konsentrasi | Kolmogorov-Smirnov <sup>a</sup> |    |      | Shapiro-Wilk |    |      |
|                                       |             | Statistic                       | df | Sig. | Statistic    | df | Sig. |
| Zona hambat                           | 40          | .293                            | 3  | .    | .923         | 3  | .462 |
|                                       | 20          | .385                            | 3  | .    | .750         | 3  | .000 |
|                                       | 10          | .223                            | 3  | .    | .985         | 3  | .763 |
|                                       | 5           | .385                            | 3  | .    | .750         | 3  | .000 |
| a. Lilliefors Significance Correction |             |                                 |    |      |              |    |      |

#### Kruskal-Wallis Test

| Test Statistics <sup>a,b</sup>    |             |
|-----------------------------------|-------------|
|                                   | Zona hambat |
| Kruskal-Wallis H                  | 9.317       |
| df                                | 3           |
| Asymp. Sig.                       | .025        |
| a. Kruskal Wallis Test            |             |
| b. Grouping Variable: konsentrasi |             |

### Lampiran 3.3 Bakteri uji *P. aeruginosa*

**Tabel 7. Hasil pengujian statistik normalitas dan Kruskal-Wallis bakteri *P.aeruginosa***

| Tests of Normality                    |             |                                 |    |      |              |    |      |
|---------------------------------------|-------------|---------------------------------|----|------|--------------|----|------|
|                                       | konsentrasi | Kolmogorov-Smirnov <sup>a</sup> |    |      | Shapiro-Wilk |    |      |
|                                       |             | Statistic                       | df | Sig. | Statistic    | df | Sig. |
| Zona hambat                           | 40          | .197                            | 3  | .    | .996         | 3  | .875 |
|                                       | 20          | .377                            | 3  | .    | .769         | 3  | .042 |
|                                       | 10          | .176                            | 3  | .    | 1.000        | 3  | .983 |
|                                       | 5           | .233                            | 3  | .    | .979         | 3  | .724 |
| a. Lilliefors Significance Correction |             |                                 |    |      |              |    |      |

### Kruskal-Wallis Test

| Test Statistics <sup>a,b</sup>    |             |
|-----------------------------------|-------------|
|                                   | Zona hambat |
| Kruskal-Wallis H                  | 9.667       |
| df                                | 3           |
| Asymp. Sig.                       | .022        |
| a. Kruskal Wallis Test            |             |
| b. Grouping Variable: konsentrasi |             |



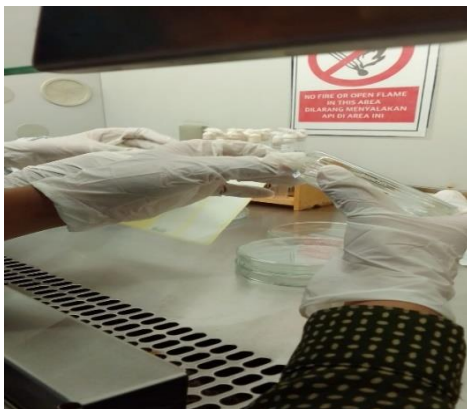
#### Lampiran 4. Gambar proses pengerjaan



**Gambar 8. Pembuatan medium *Mueller Hinton Agar* dan *Nutrient Agar***



**Gambar 9. Peremajaan bakteri**



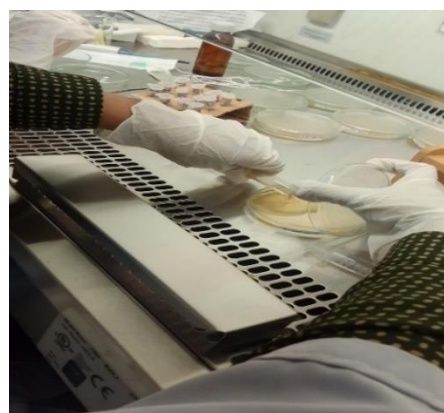
**Gambar 10. Pemberian penanda pada cawan petri**



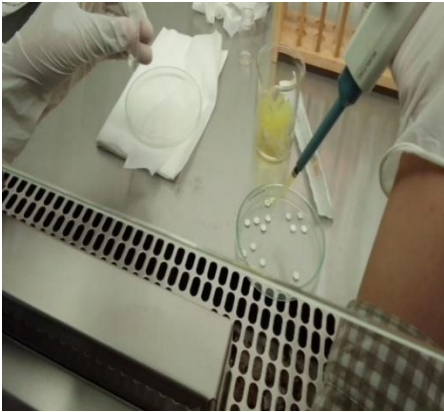
**Gambar 11. Inokulasi bakteri dalam tabung reaksi dengan medium cair**



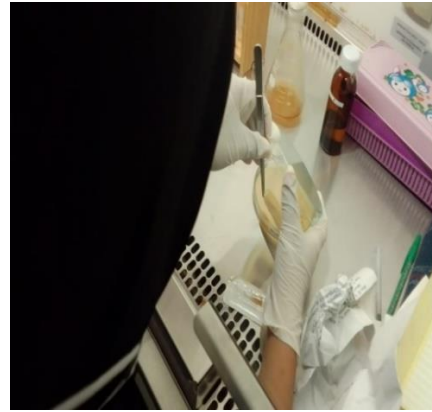
**Gambar 12. Proses pengerjaan *base layer***



**Gambar 13. Proses pengerjaan *seed layer***



**Gambar 14. Proses pemberian larutan uji ke kertas cakram**



**Gambar 15. Proses pengerjaan kertas cakram**