# LAMPIRAN

**Lampiran 1.** Hasil total bakteri (TPC) pada sosis

| Total Bakteri (TPC) pada Sosis dari Pasar Tradisional | | | | |
|---|---|---|---|---|
| No | Sampel | $10^{-4}$ | $10^{-5}$ | Total Bakteri (TPC) |
| 1 | A1 | 249 | 58 | $2{,}4 \times 10^{6}$ |
| 2 | A2 | TBUD/324 | 96 | $9{,}6 \times 10^{6}$ |
| 3 | A3 | 232 | 34 | $2{,}8 \times 10^{6}$ |
| 4 | A4 | TBUD/387 | 115 | $1{,}1 \times 10^{7}$ |
| 5 | B1 | TBUD/424 | 247 | $2{,}5 \times 10^{7}$ |
| 6 | B2 | TBUD/469 | 286 | $2{,}9 \times 10^{7}$ |
| 7 | B3 | TBUD/510 | TBUD/324 | $3{,}2 \times 10^{7}$ |
| 8 | B4 | TBUD/497 | 221 | $2{,}2 \times 10^{7}$ |
| 9 | C1 | TBUD/473 | 217 | $2{,}2 \times 10^{7}$ |
| 10 | C2 | TBUD/394 | 202 | $2{,}0 \times 10^{7}$ |
| 11 | C3 | 297 | 82 | $3{,}0 \times 10^{6}$ |
| 12 | C4 | TBUD/396 | 187 | $1{,}9 \times 10^{7}$ |
| 13 | D1 | TBUD/468 | 233 | $2{,}3 \times 10^{7}$ |
| 14 | D2 | TBUD/472 | 251 | $2{,}5 \times 10^{7}$ |
| 15 | D3 | TBUD/382 | 125 | $1{,}3 \times 10^{7}$ |
| 16 | D4 | TBUD/453 | 198 | $2{,}0 \times 10^{7}$ |
| 17 | E1 | TBUD/384 | 138 | $1{,}4 \times 10^{7}$ |

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|---|---|---|---|---|
| 18 | E2 | TBUD/301 | 89 | $8,9 \times 10^6$ |
| 19 | E3 | 256 | 66 | $2,6 \times 10^6$ |
| 20 | E4 | 207 | 54 | $2,0 \times 10^6$ |
| Rata-rata | | | | $1,6 \times 10^7$ |

| Total Bakteri pada Sosis dari Pasar Swalayan | | | | |
|---|---|---|---|---|
| No | Sampel | 10-3 | 10-4 | Total Bakteri (TPC) |
| 1 | F1 | 86 | 3 | $8,6 \times 10^4$ |
| 2 | F2 | 37 | 0 | $3,7 \times 10^4$ |
| 3 | F3 | 28 | 0 | $2,8 \times 10^4$ |
| 4 | F4 | 34 | 0 | $3,4 \times 10^4$ |
| 5 | G1 | 108 | 1 | $1,0 \times 10^5$ |
| 6 | G2 | 24 | 0 | $2,4 \times 10^4$ |
| 7 | G3 | 27 | 0 | $2,7 \times 10^4$ |
| 8 | G4 | 105 | 2 | $1,0 \times 10^5$ |
| 9 | H1 | 58 | 0 | $5,8 \times 10^4$ |
| 10 | H2 | 44 | 0 | $4,4 \times 10^4$ |
| 11 | H3 | 2 | 0 | $2 \times 10^3$ |
| 12 | H4 | 3 | 0 | $3 \times 10^3$ |
| 13 | I1 | 71 | 0 | $7,1 \times 10^4$ |
| 14 | I2 | 103 | 2 | $1,0 \times 10^5$ |
| 15 | I3 | 85 | 0 | $8,5 \times 10^4$ |

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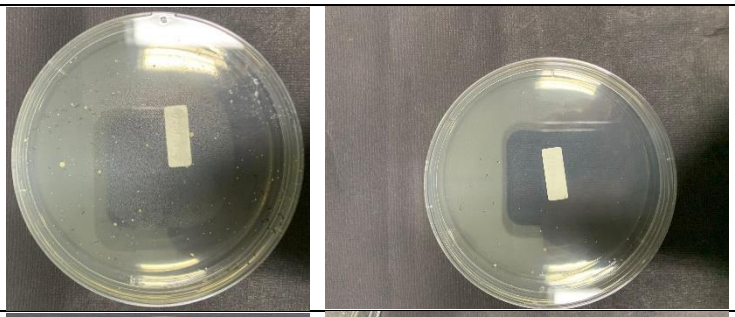
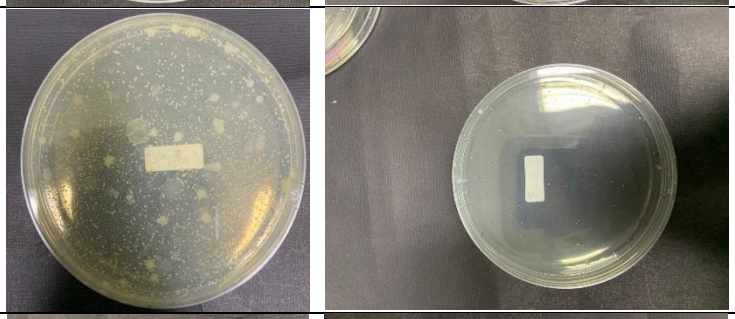
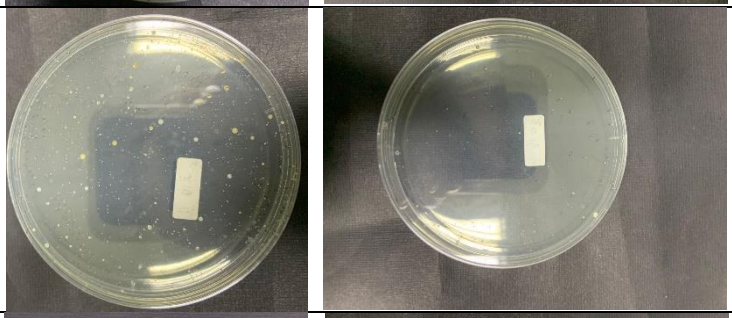
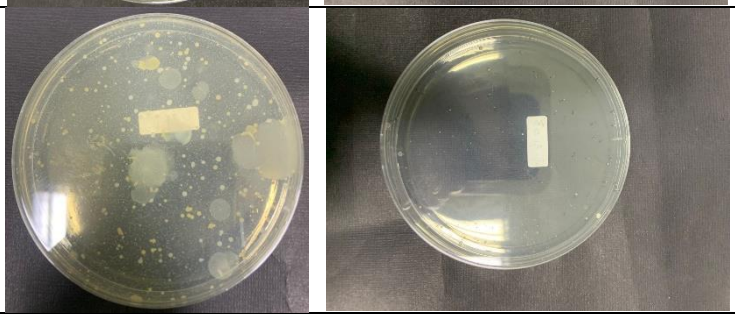
|---|---|---|---|---|
| 16 | I4 | 53 | 0 | $5,3 \times 10^4$ |
| 17 | J1 | 59 | 0 | $5,9 \times 10^4$ |
| 18 | J2 | 58 | 0 | $5,8 \times 10^4$ |
| 19 | J3 | 52 | 0 | $5,2 \times 10^4$ |
| 20 | J4 | 69 | 1 | $6,9 \times 10^4$ |
| Rata-rata | | | | $5,5 \times 10^4$ |

**Lampiran 2.** Hasil uji biokimia

| Sampel | Uji SIM | Uji SCA | Uji MR | Uji VP | Uji TSIA | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | Slant | Butt | Gas | $H_2S$ |
| A1 | - | - | - | - | - | - | - | - |
| A2 | - | - | - | - | - | - | - | - |
| A3 | - | - | - | - | - | - | - | - |
| A4 | - | - | - | - | - | - | - | - |
| B1 | - | - | - | - | - | - | - | - |
| B2 | - | - | - | - | - | - | - | - |
| B3 | + | - | + | - | + | + | - | - |
| B4 | - | - | - | - | - | - | - | - |
| C1 | - | - | - | - | - | - | - | - |
| C2 | - | - | - | - | - | - | - | - |
| C3 | - | - | - | - | - | - | - | - |
| C4 | - | - | - | - | - | - | - | - |
| D1 | - | - | - | - | - | - | - | - |
| D2 | - | - | - | - | - | - | - | - |
| D3 | - | - | - | - | - | - | - | - |
| D4 | - | - | - | - | - | - | - | - |
| E1 | - | - | - | - | - | - | - | - |
| E2 | - | - | - | - | - | - | - | - |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| E3 | - | - | - | - | - | - | - | - |
| E4 | - | - | - | - | - | - | - | - |
| F1 | - | - | - | - | - | - | - | - |
| F2 | - | - | - | - | - | - | - | - |
| F3 | - | - | - | - | - | - | - | - |
| F4 | - | - | - | - | - | - | - | - |
| G1 | - | - | - | - | - | - | - | - |
| G2 | - | - | - | - | - | - | - | - |
| G3 | - | - | - | - | - | - | - | - |
| G4 | - | - | - | - | - | - | - | - |
| H1 | - | - | - | - | - | - | - | - |
| H2 | - | - | - | - | - | - | - | - |
| H3 | - | - | - | - | - | - | - | - |
| H4 | - | - | - | - | - | - | - | - |
| I1 | - | - | - | - | - | - | - | - |
| I2 | - | - | - | - | - | - | - | - |
| I3 | - | - | - | - | - | - | - | - |
| I4 | - | - | - | - | - | - | - | - |
| J1 | - | - | - | - | - | - | - | - |
| J2 | - | - | - | - | - | - | - | - |
| J3 | - | - | - | - | - | - | - | - |
| J4 | - | - | - | - | - | - | - | - |

**Lampiran 3.** Dokumentasi hasil penanaman bakteri pada media NA

| Sampel | Gambar |
|---|---|
| A1($10^{-4}$dan $10^{-5}$) |  |
| A2($10^{-4}$dan $10^{-5}$) |  |
| A3($10^{-4}$dan $10^{-5}$) |  |
| A4($10^{-4}$dan $10^{-5}$) |  |

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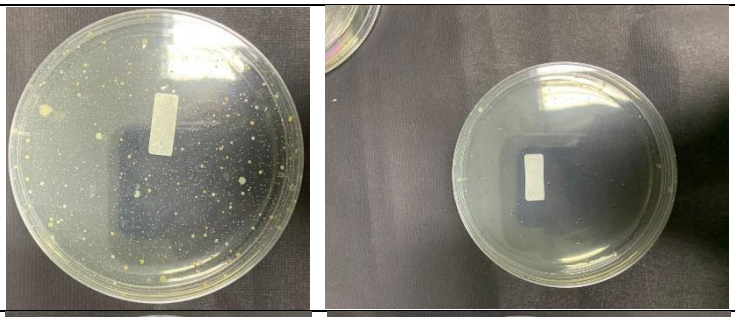
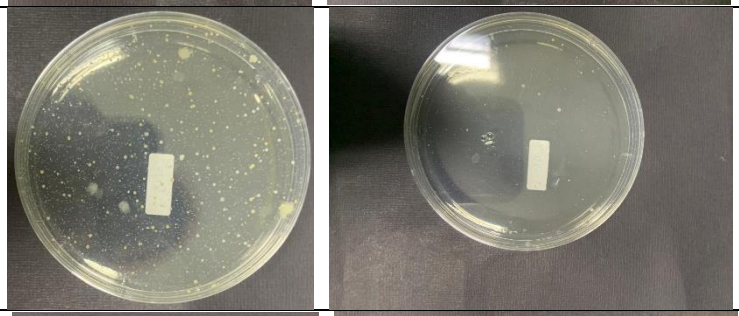
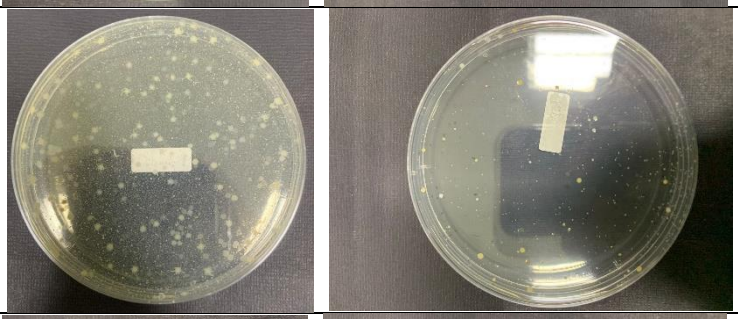
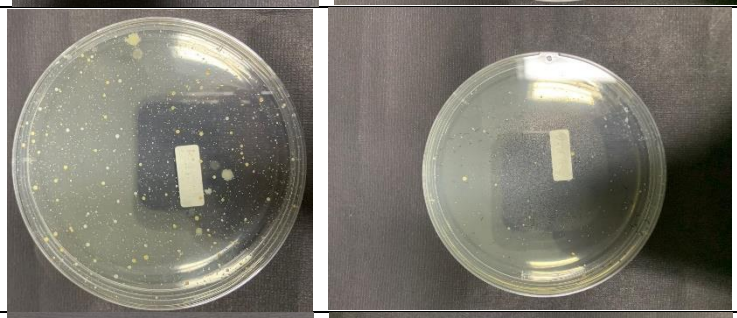
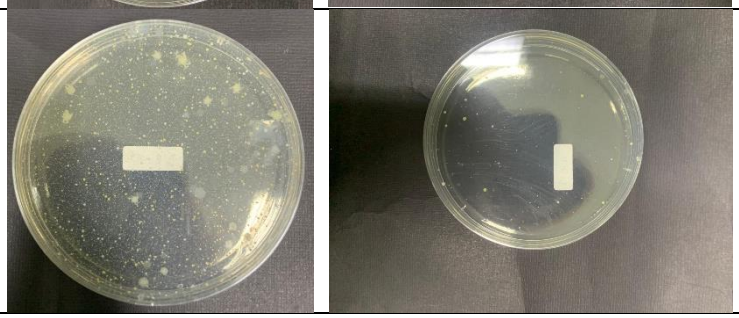
|---|---|
| B1($10^{-4}$dan $10^{-5}$) |  |
| B2($10^{-4}$dan $10^{-5}$) |  |
| B3($10^{-4}$dan $10^{-5}$) |  |
| B4($10^{-4}$dan $10^{-5}$) |  |
| C1($10^{-4}$dan $10^{-5}$) |  |

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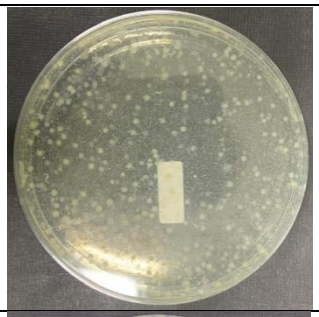
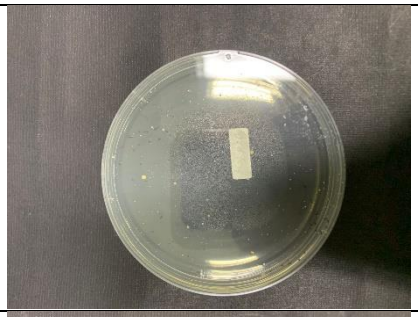
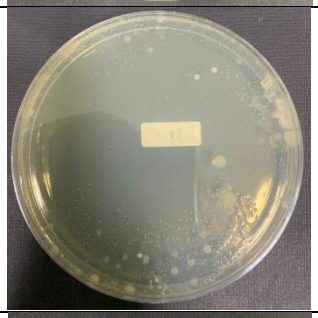
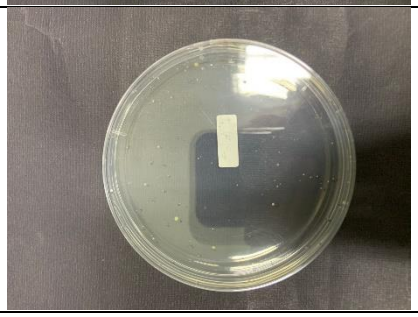
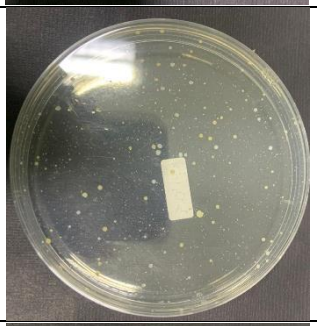
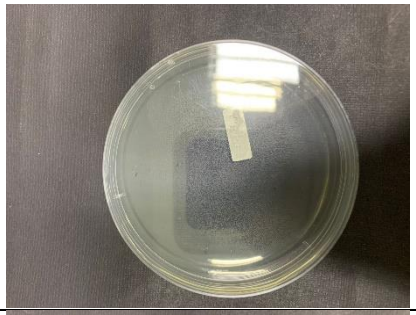
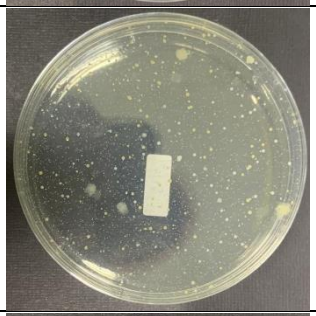
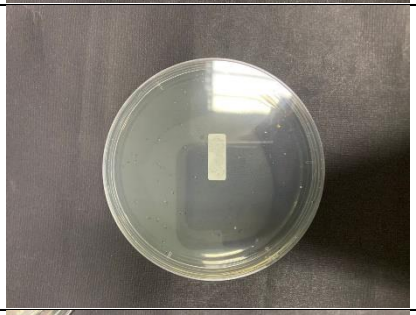
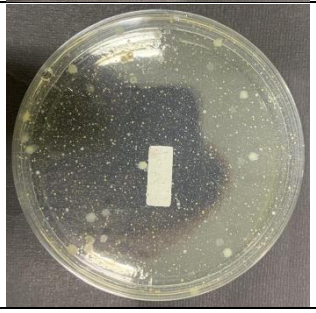
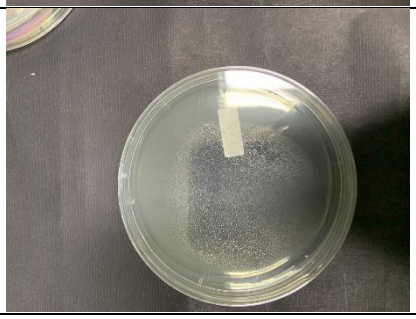
|---|---|---|
| C2($10^{-4}$dan $10^{-5}$) |  |  |
| C3($10^{-4}$dan $10^{-5}$) |  |  |
| C4($10^{-4}$dan $10^{-5}$) |  |  |
| D1($10^{-4}$dan $10^{-5}$) |  |  |
| D2($10^{-4}$dan $10^{-5}$) |  |  |

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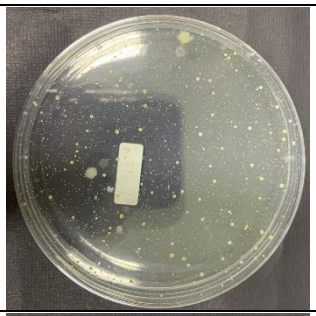
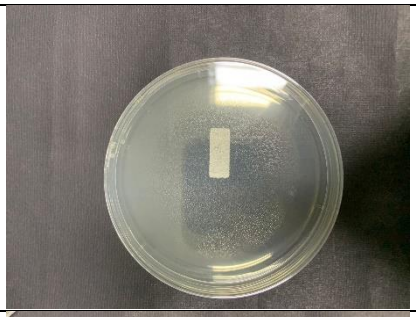
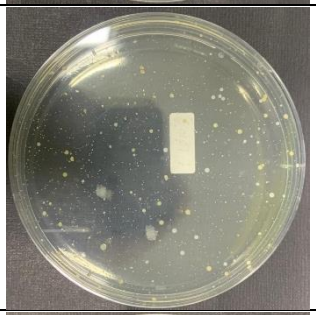
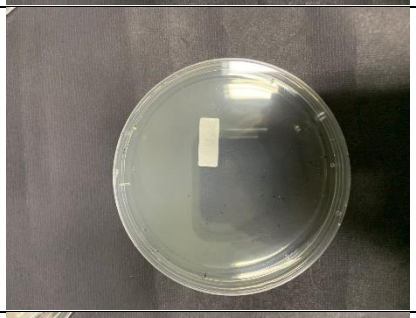
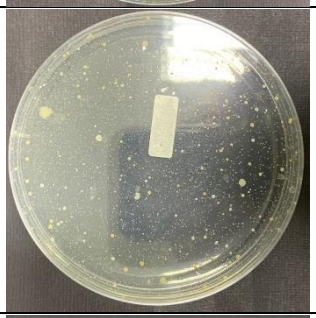
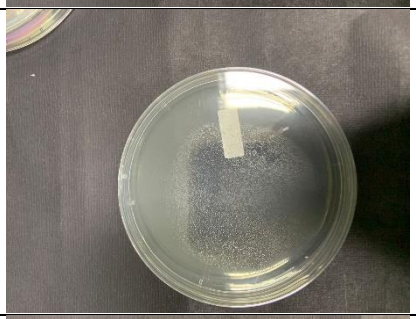
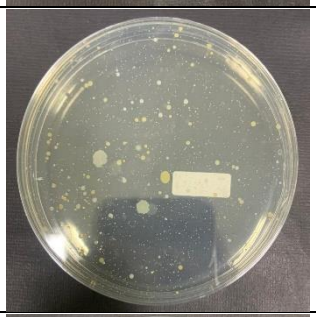
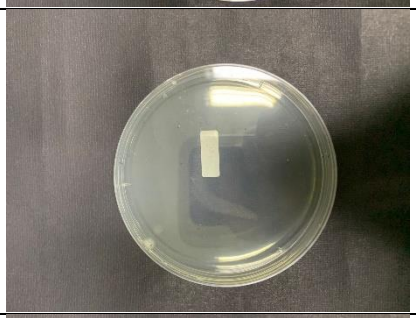
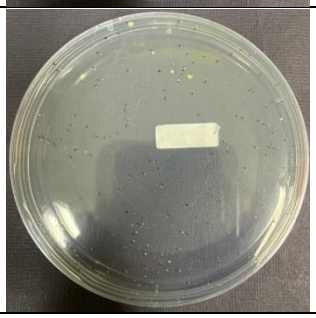
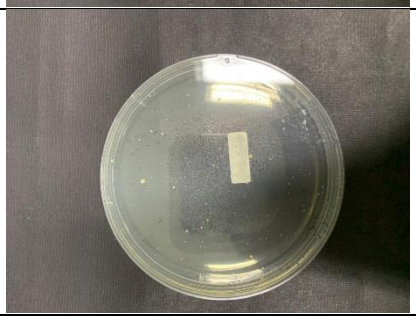
|---|---|---|---|
| D3($10^{-4}$dan $10^{-5}$) | |  |  |
| D4($10^{-4}$dan $10^{-5}$) | |  |  |
| E1($10^{-4}$dan $10^{-5}$) | |  |  |
| E2($10^{-4}$dan $10^{-5}$) | |  |  |
| E3($10^{-4}$dan $10^{-5}$) | |  |  |

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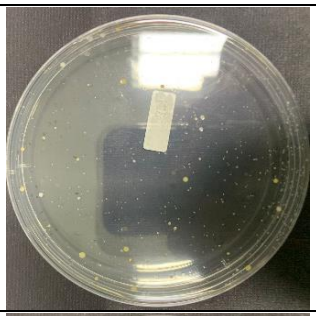
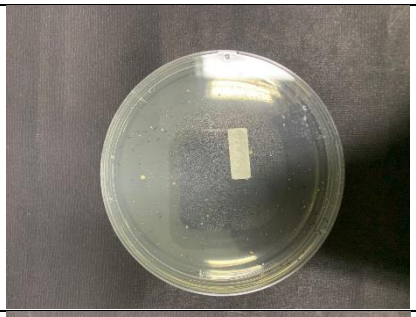
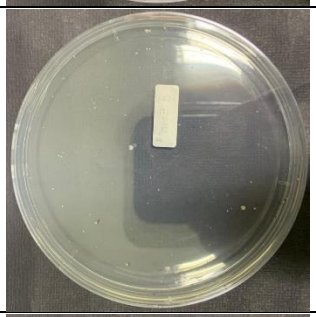
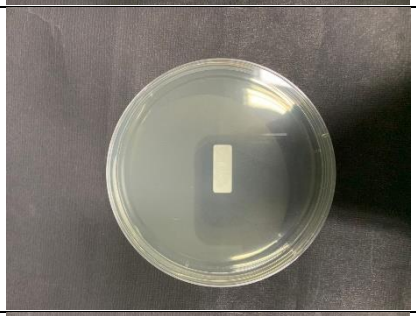
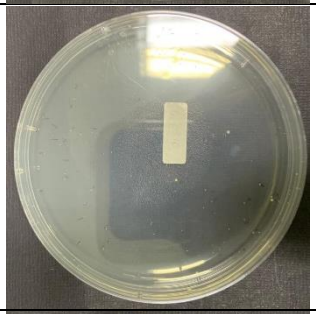
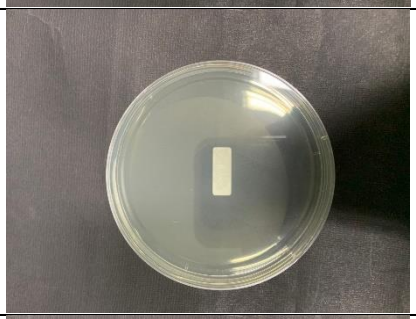
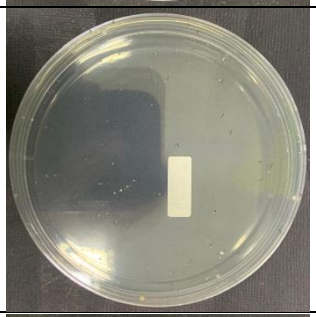
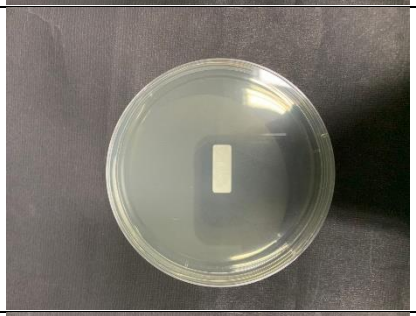
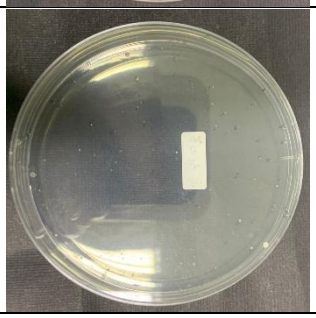
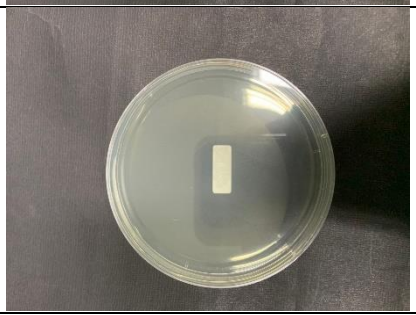
|---|---|---|---|
| E4($10^{-4}$dan $10^{-5}$) | |  |  |
| F1($10^{-3}$dan $10^{-4}$) | |  |  |
| F2($10^{-3}$dan $10^{-4}$) | |  |  |
| F3($10^{-3}$dan $10^{-4}$) | |  |  |
| F4($10^{-3}$dan $10^{-4}$) | |  |  |

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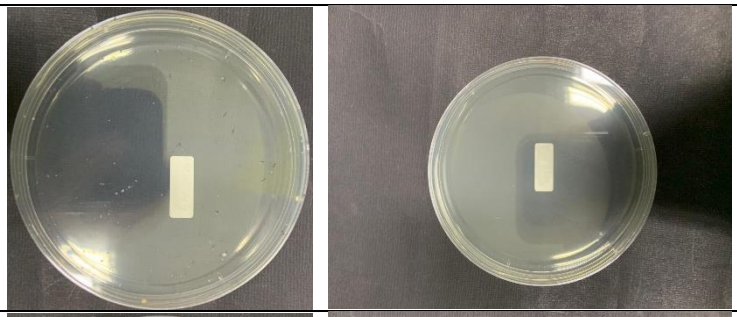
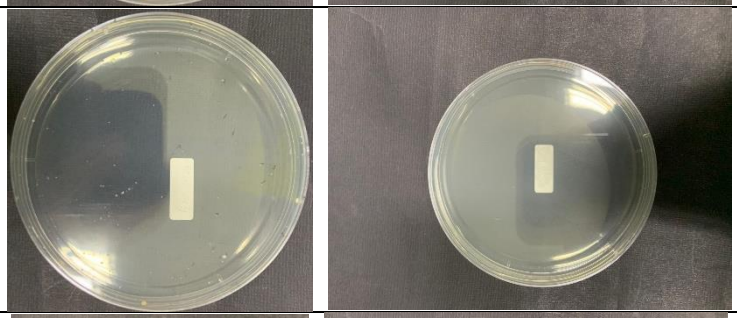
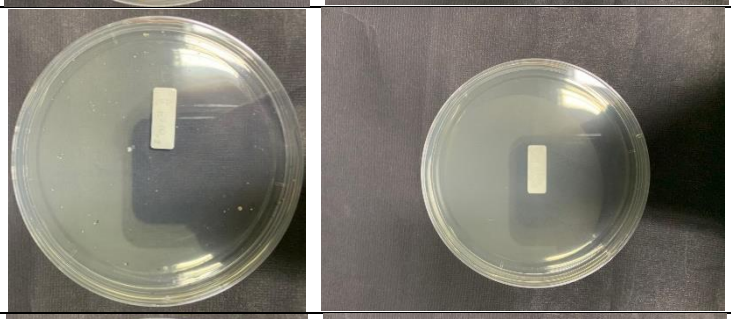
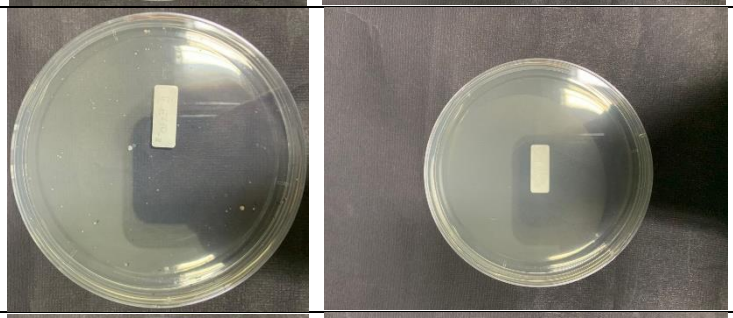
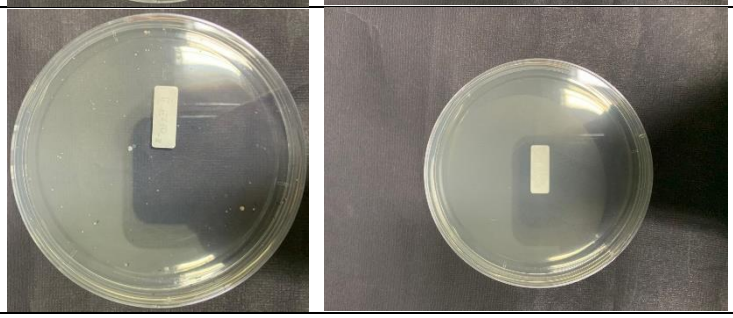
|---|---|
| G1($10^{-3}$dan $10^{-4}$) |  |
| G2($10^{-3}$dan $10^{-4}$) |  |
| G3($10^{-3}$dan $10^{-4}$) |  |
| G4($10^{-3}$dan $10^{-4}$) |  |
| H1($10^{-3}$dan $10^{-4}$) |  |

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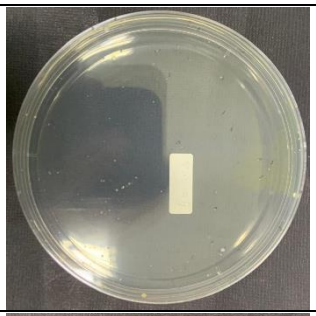
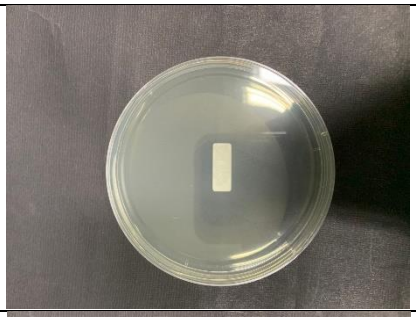
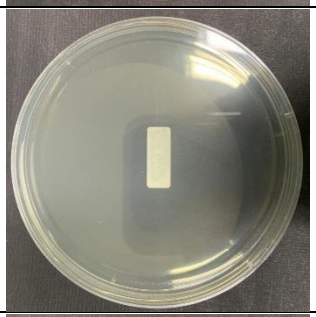
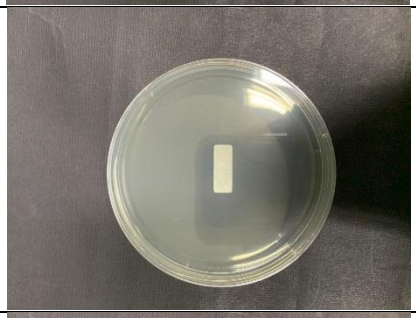
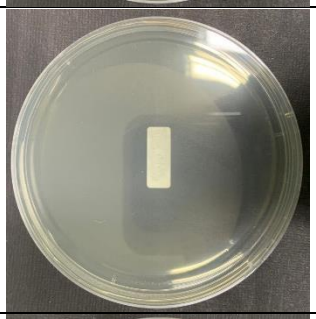
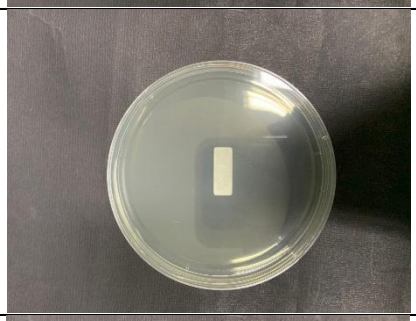
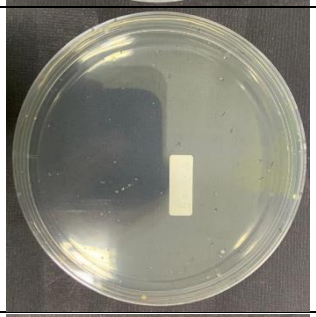
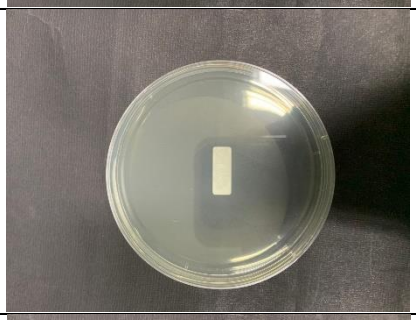
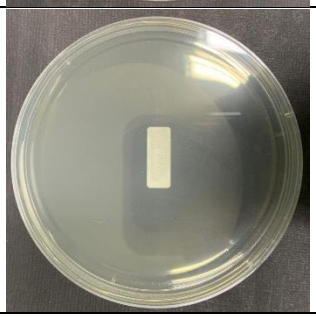
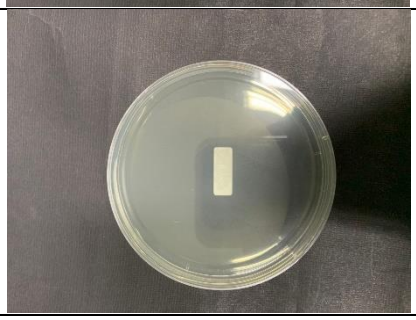
|---|---|---|---|
| H2($10^{-3}$dan $10^{-4}$) | |  |  |
| H3($10^{-3}$dan $10^{-4}$) | |  |  |
| H4($10^{-3}$dan $10^{-4}$) | |  |  |
| I1($10^{-3}$dan $10^{-4}$) | |  |  |
| I2($10^{-3}$dan $10^{-4}$) | |  |  |

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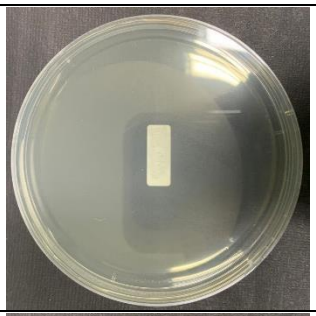
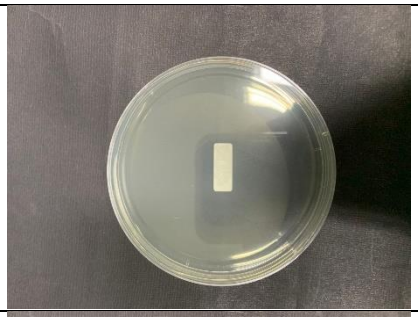
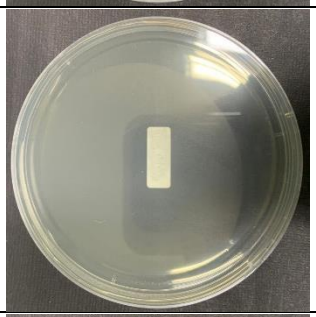
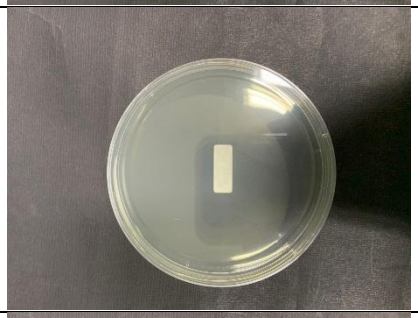
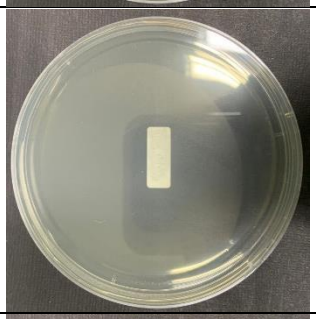
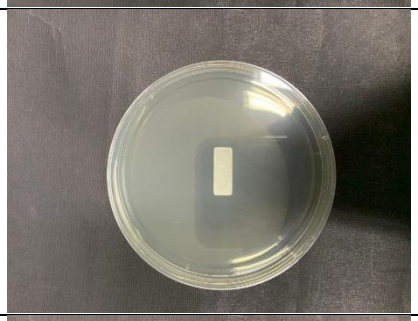
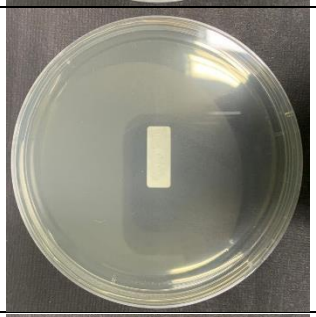
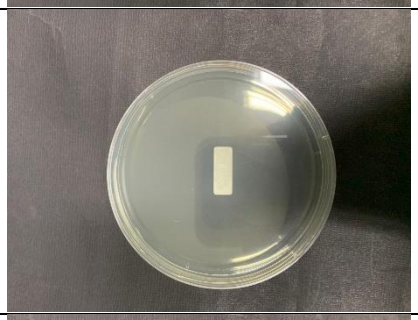
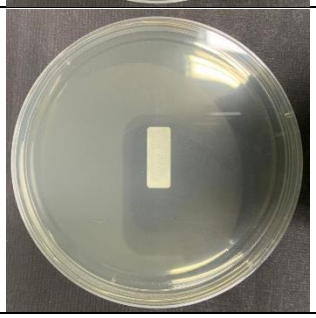
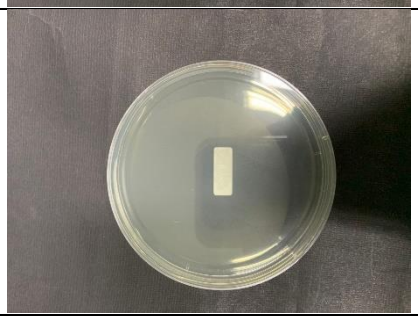
|---|---|---|---|
| I3($10^{-3}$dan $10^{-4}$) | |  |  |
| I4($10^{-3}$dan $10^{-4}$) | |  |  |
| J1($10^{-3}$dan $10^{-4}$) | |  |  |
| J2($10^{-3}$dan $10^{-4}$) | |  |  |
| J3($10^{-3}$dan $10^{-4}$) | |  |  |

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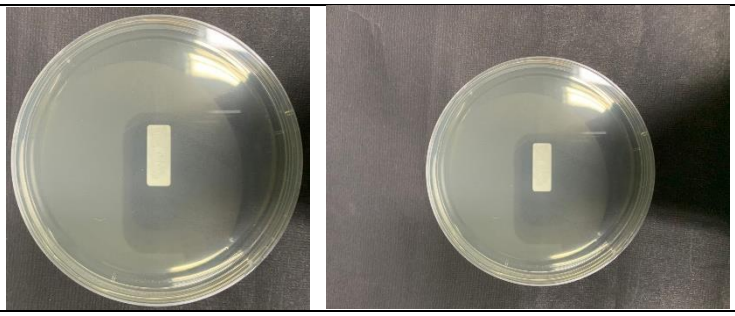
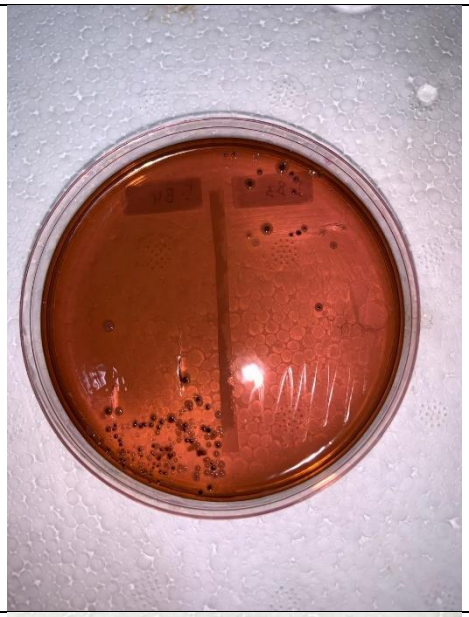
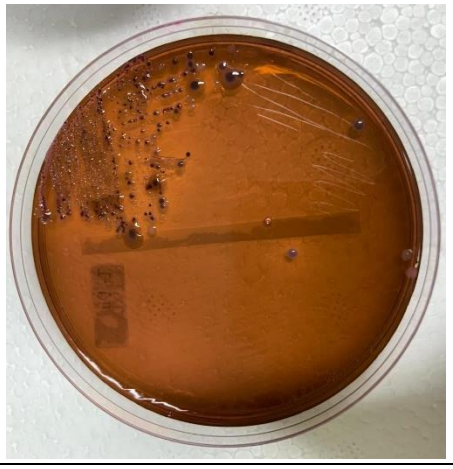
|---|---|
| J4($10^{-3}$dan $10^{-4}$) |  |

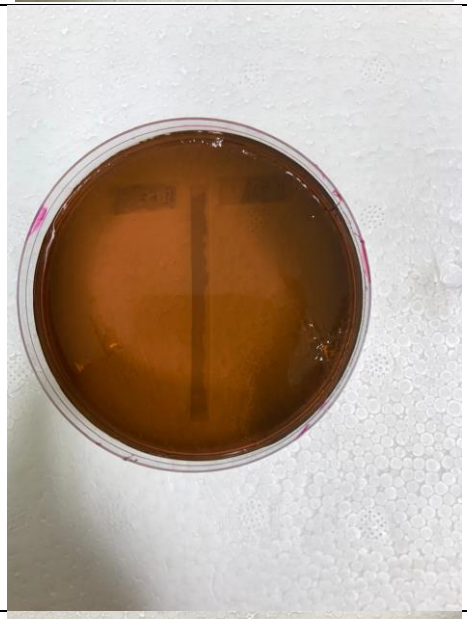
**Lampiran 4.** Dokumentasi hasil isolasi *E.coli* pada media EMBA

| Sampel | Gambar |
|---|---|
| A1, A2 |  |

| | | | |
|---|---|---|---|
| A3, A4 | |  | |
| B1, B2 | |  | |

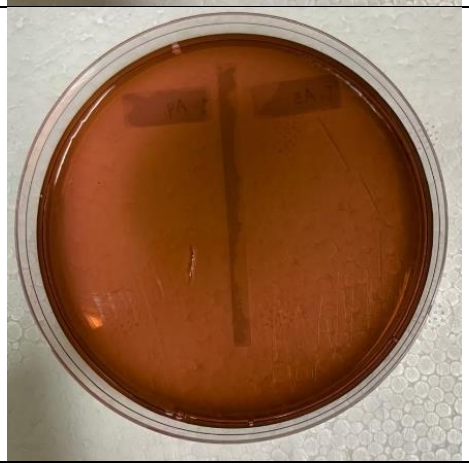
| | | | |
|---|---|---|---|
| B3, B4 | |  | |
| C1, C2 | |  | |
| C3, C4 | |  | |

| | | |
|---|---|---|
| D1, D2 | |  |
| D3, D4 | |  |
| E1, E2 | |  |

| | |
|---|---|
| E3, E4 |  |
| F1, F2 |  |
| F3, F4 |  |

| | | | |
|---|---|---|---|
| G1, G2 | |  | |
| G3, G4 | |  | |

| | | | |
|---|---|---|---|
| H1, H2 | |  | |
| H3, H4 | |  | |

| | | | |
|---|---|---|---|
| I1, I2 | |  | |
| I3, I4 | |  | |
| JI, J2 | |  | |

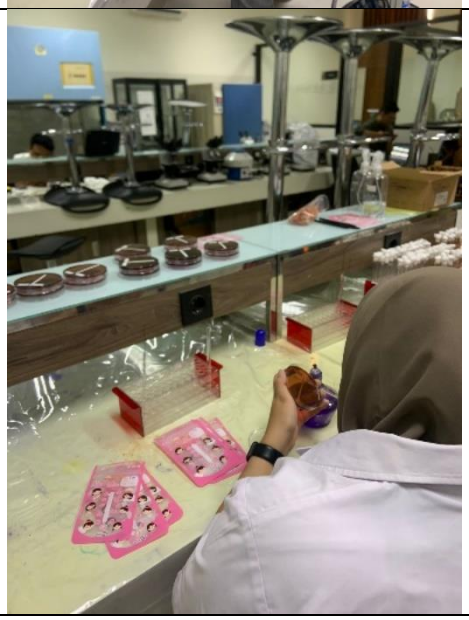
| | | | |
|---|---|---|---|
| J3, J4 | |  | |

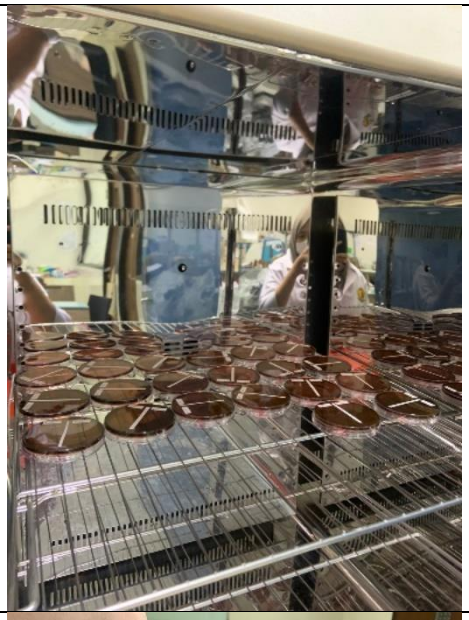
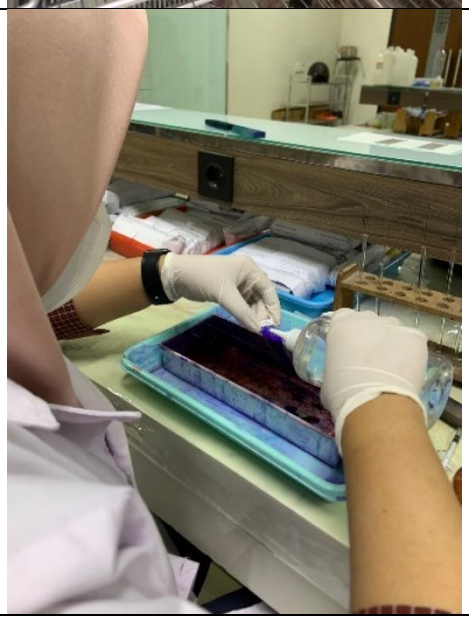
**Lampiran 5.** Dokumentasi penelitian

| Keterangan | Gambar |
|---|---|
| Menimbang sampel sebanyak 1 gr |  |
| Menghaluskan, membuat larutan sampel (1 gr sosis dan 1 ml NaCl), dan memberi label nama |  |

| | |
|---|---|
| Melakukan pengenceran untuk menghitung total bakteri |  |
| Hasil pengenceran sebanyak 1 ml ditaruh di cawan petri lalu dimasukkan media NA dengan metode *pour plate*. |  |

| | |
|---|---|
| Inkubasi media NA selama 24 jam dengan suhu 37$^{o}$ |  |
| Setelah inkubasi, perhitungan total bakteri dengan spidol |  |

| | |
|---|---|
| Pembuatan media EMBA dan media uji biokimia |  |
| Penanaman bakteri *E.coli* pada media EMBA |  |

| | |
|---|---|
| Inkubasi media EMBA selama 24 jam dengan suhu 37º |  |
| Pada media EMBA ditemukan koloni positif alu dilakukan pewarnaan gram |  |

| | |
|---|---|
| Pemanasan ose untuk pengambilan koloni pada media EMBA lalu dilakukan uji biokimia dengan media SIM, MR, VP, SCA, dan TSIA |  |
| Inkubasi media uji biokimia |  |