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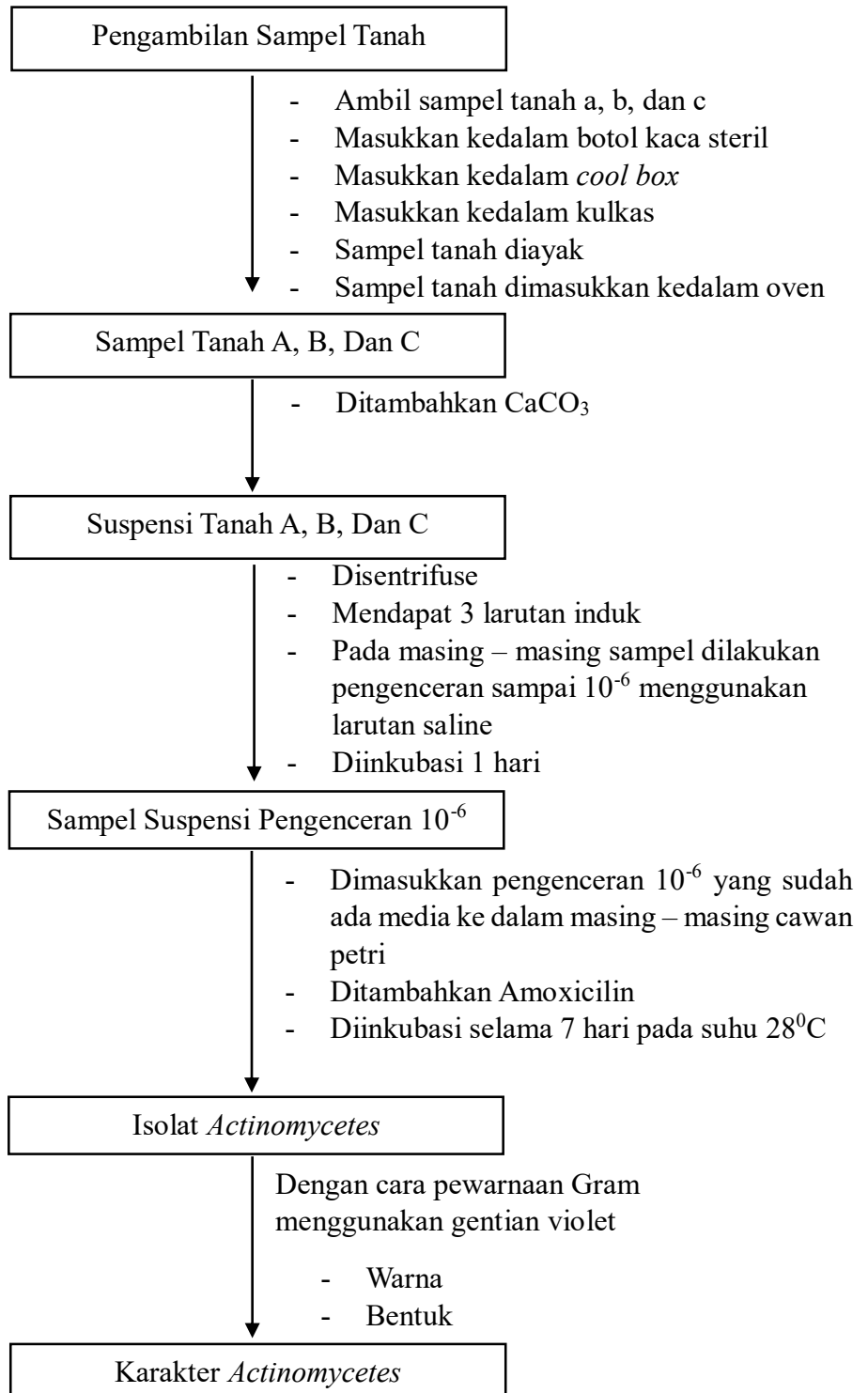
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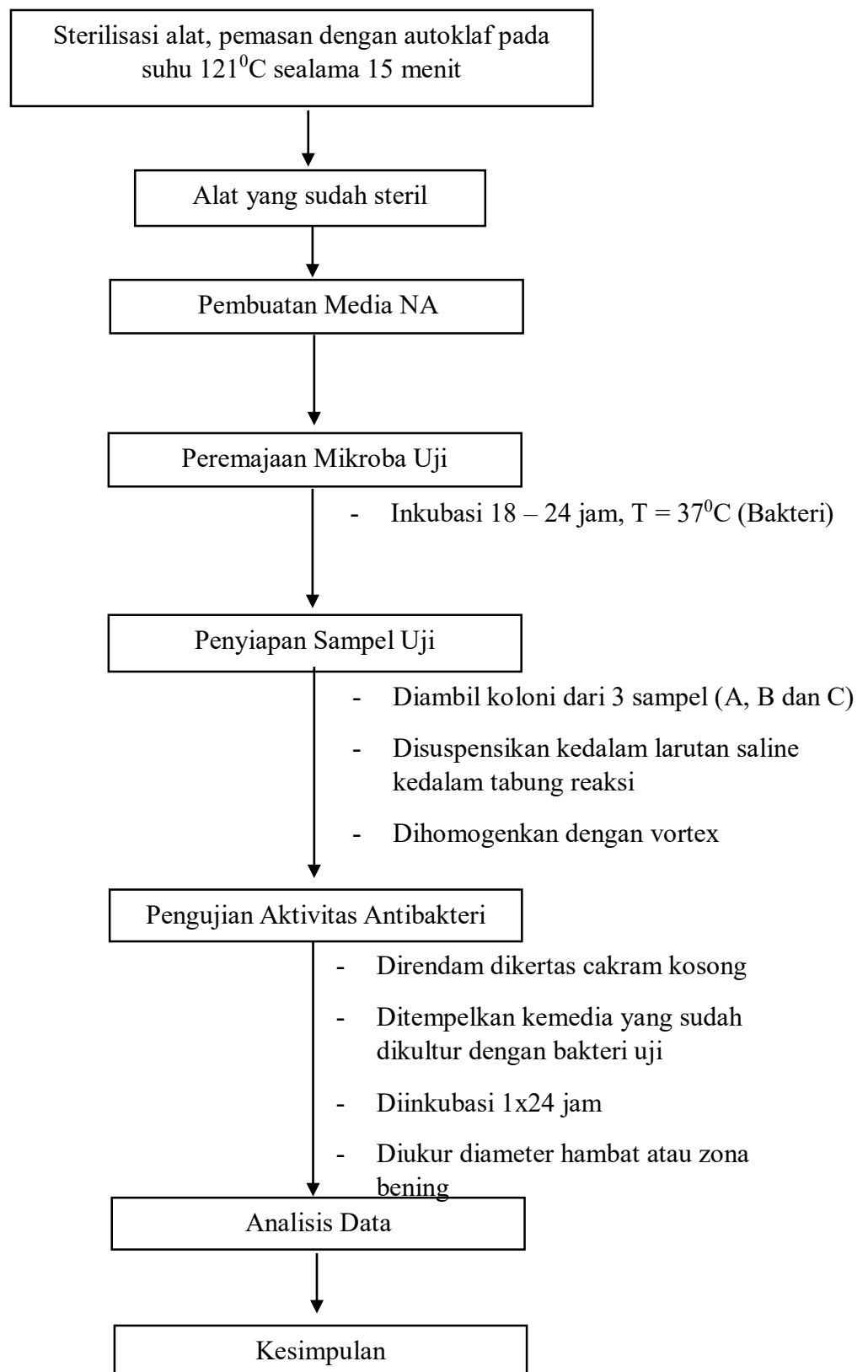
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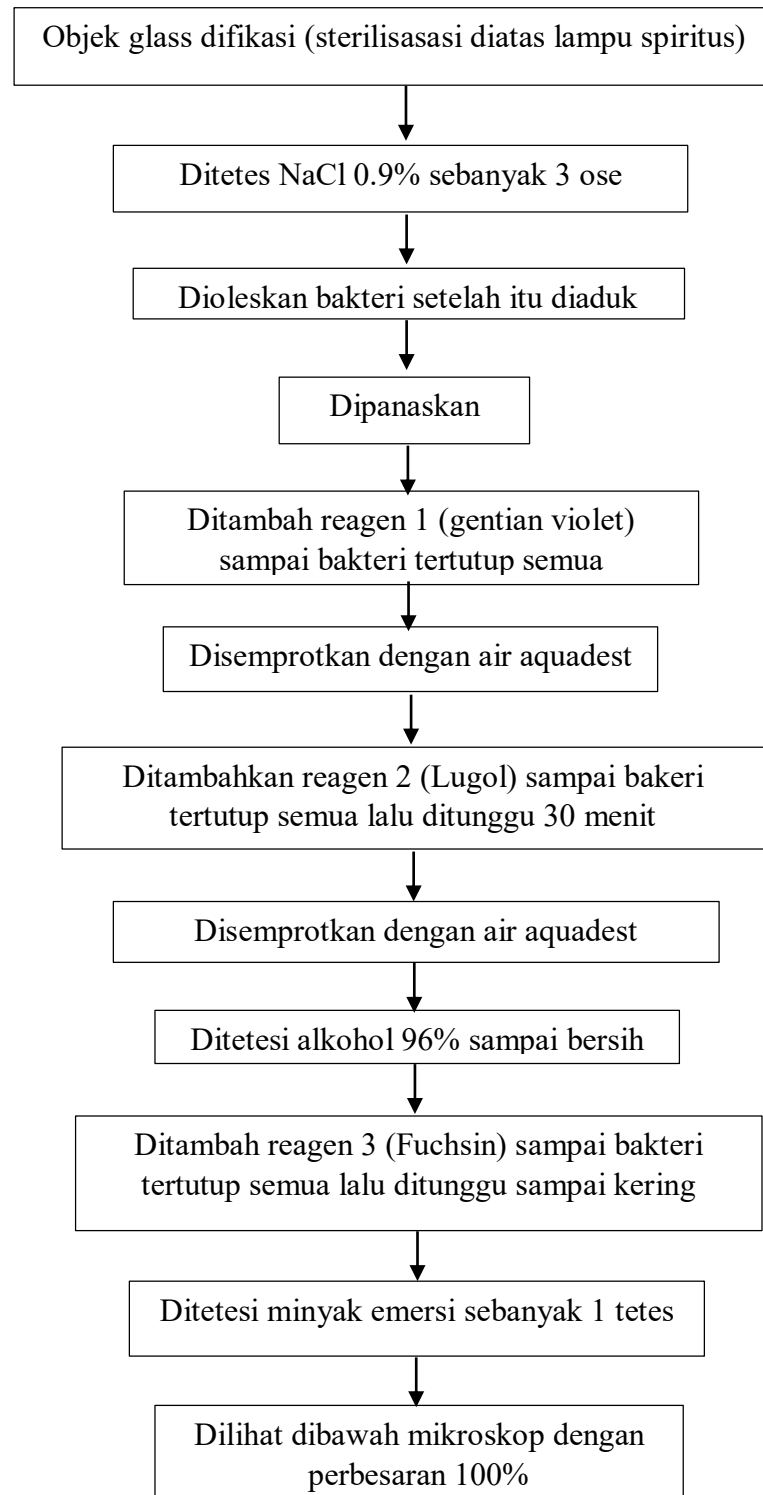
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LAMPIRAN

Lampiran 1 : Skema Kerja Isolasi *Actinomycetes*



Lampiran 2 : Skema Kerja Uji Aktivitas Antibakteri Dari Isolat *Actinomycetes*

Lampiran 3 : Skema Kerja Pewarnaan Bakteri

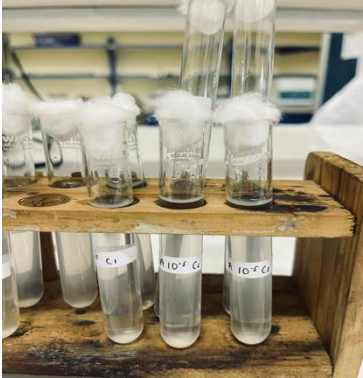
Lampiran 4 : Pengukuran pH Tanah

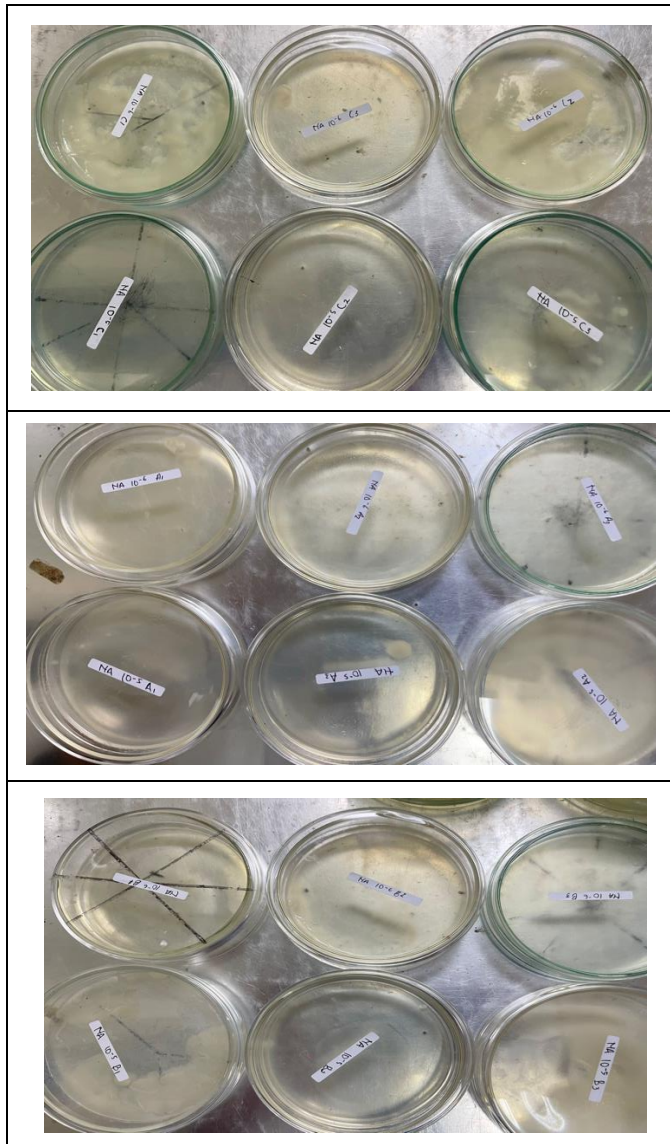
No	Sampel	Keterangan		
		A	B	C
1	Pengekuran pH Tanah di Lokasi			
2	Pengukuran Ph Tanah di Laboratorium			
3	Pengukuran pH Tanah Setelah 7 Hari			

Lampiran 5 : Penimbangan Sampel

No.	Sampel	Keterangan
1		Sampel Tanah A
2		Sampel Tanah B
3		Sampel Tanah C

Lampiran 6 : Hasil Suspensi Sampel A,B, dan C

No	Gambar	Keterangan
1.		Sampel NA + Larutan Saline (NaCl 0,9%)
2.		Sampel NA + Larutan Saline (NaCl 0,9%)
3.		Sampel NA + Larutan Saline (NaCl 0,9%)

Lampiran 7 : Pembuatan *Nutrient Agar* (NA)

Lampiran 8 : ATCC Bakteri *Escherichia Coli*

bioMérieux Customer:
System #: 7969

Printed Jan 7, 2020 01:03 ICT
Printed by: LabTech

Patient Name: ATCC 25922, -
Isolate: QC ATCC E. coli-1 (Approved)

Patient ID: QC ATCC E. coli

Card Type: GN Bar Code: 2410915403308692 Testing Instrument: 0000148FF2BD (7969)
Card Type: AST-GN93 Bar Code: 6831062103401585 Testing Instrument: 0000148FF2BD (7969)
Setup Technologist: Laboratory Technician(LabTech)

Bionumber: 0405611560526600

Organism Quantity

Selected Organism: *Escherichia coli*

Comments:	

Identification Information	Card: GN	Lot Number: 2410915403	Expires: May 29, 2020 12:00 ICT
	Completed: Dec 17, 2019 15:06 ICT	Status: Final	Analysis Time: 4.88 hours
Organism Origin	VITEK 2		
Selected Organism	96% Probability Escherichia coli		
	Bionumber: 0405611560526600		Confidence: Excellent identification
SRF Organism			
Analysis Organisms and Tests to Separate:			
Analysis Messages:			
Contraindicating Typical Biopattern(s)			
Escherichia coli dTAG(22).PHOS(81).			

Lampiran 9 : ATCC Bakteri *Staphylococcus Aureus*

bioMérieux Customer:
System #: 7069

Printed Jul 5, 2020 01:03 ICT
Printed by: LabTech

Patient Name: S. aureus ATCC 25923, -
Isolate: QC S. aureus-1 (Approved)

Patient ID: QC S. aureus

Card Type: GP Bar Code: 2421301203531778 Testing Instrument: 0000148FF2BD (7969)
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Setup Technologist: Laboratory Technician(LabTech)

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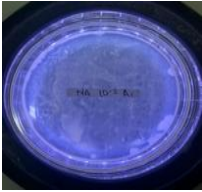
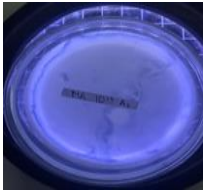
Organism Quantity:

Selected Organism: *Staphylococcus aureus*

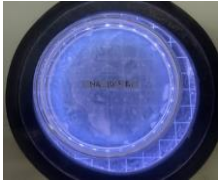
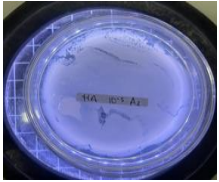
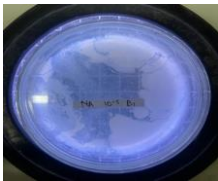
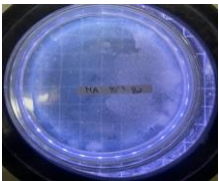
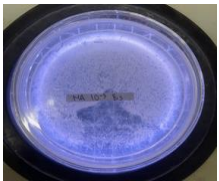
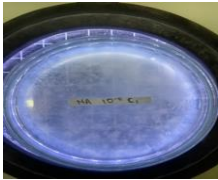
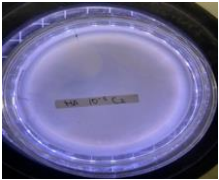
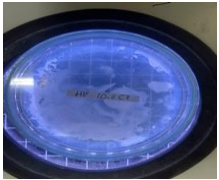
Comments:	

Identification Information	Card: GP	Lot Number: 2421301203	Expires: Jun 19, 2021 12:00 ICT
	Completed: Jun 24, 2020 16:13 ICT	Status: Final	Analysis Time: 4.80 hours
Organism Origin	VITEK 2		
Selected Organism	98% Probability <i>Staphylococcus aureus</i>		Confidence: Excellent Identification
	Bionumber: 010402020763231		
SRF Organism			
Analysis Organisms and Tests to Separate:			
Analysis Messages: The following antibiotic(s) are not claimed: Ampicillin, Gentamicin High Level (synergy), Streptomycin High Level (synergy).			
Contraindicating Typical Biopattern(s) <i>Staphylococcus aureus</i> AGLU(79).			

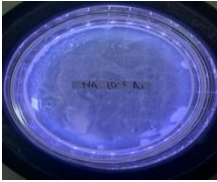
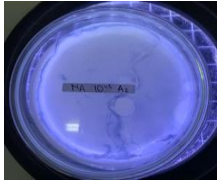
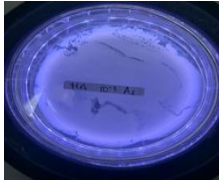
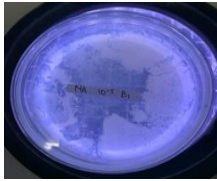
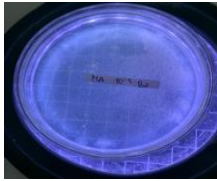
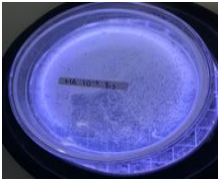
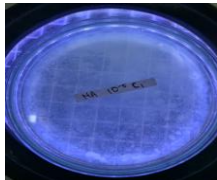
Lampiran 10 : Isolasi Sampel Nutrient Agar Hari Ke 1

<i>Nutrient Agar</i> (NA) dengan antibiotik Amoxcillin			
	10⁻⁵ A1	10⁻⁵ A2	10⁻⁵ A3
			
	10⁻⁵ B1	10⁻⁵ B2	10⁻⁵ B3
			
	10⁻⁵ C1	10⁻⁵ C2	10⁻⁵ C3

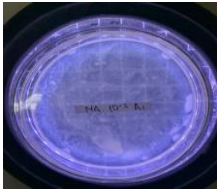
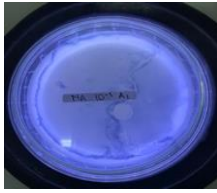
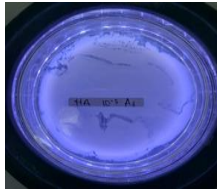
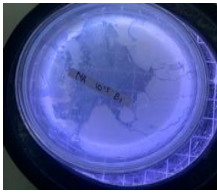
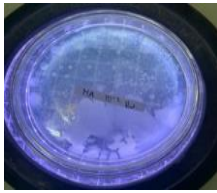
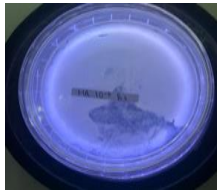
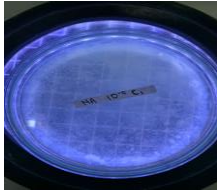
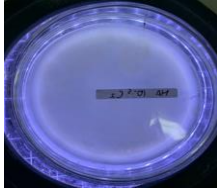
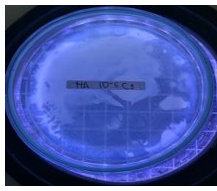
Lampiran 11 : Isolasi Sampel Nutrient Agar Hari Ke 2

<i>Nutrient Agar (NA)</i> dengan antibiotik Amoxcillin			
	10⁻⁵ A1	10⁻⁵ A2	10⁻⁵ A3
			
	10⁻⁵ B1	10⁻⁵ B2	10⁻⁵ B3
			
	10⁻⁵ C1	10⁻⁵ C2	10⁻⁵ C3

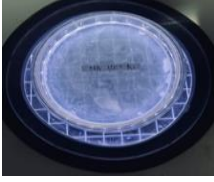
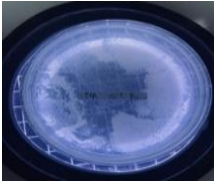
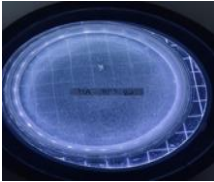
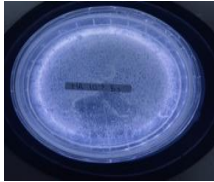
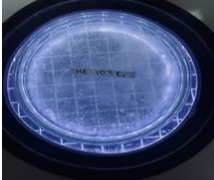
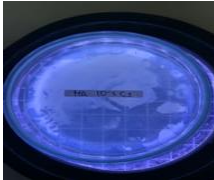
Lampiran 12 : Isolasi Sampel Nutrient Agar Hari Ke 3

<i>Nutrient Agar</i> (NA) dengan antibiotik Amoxcillin			
	10⁻⁵ A1	10⁻⁵ A2	10⁻⁵ A3
			
	10⁻⁵ B1	10⁻⁵ B2	10⁻⁵ B3
			
	10⁻⁵ C1	10⁻⁵ C2	10⁻⁵ C3

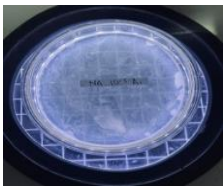
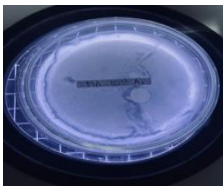
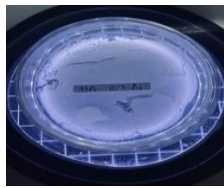
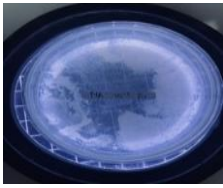
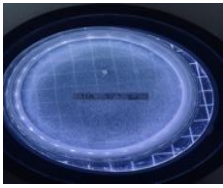
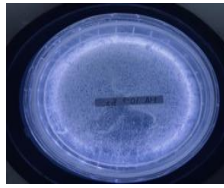
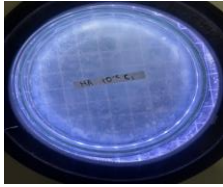
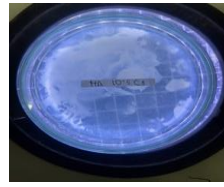
Lampiran 13 : Isolasi Sampel Nutrient Agar Hari Ke 4

<i>Nutrient Agar</i> (NA) dengan antibiotik Amoxcillin			
	10⁻⁵ A1	10⁻⁵ A2	10⁻⁵ A3
			
	10⁻⁵ B1	10⁻⁵ B2	10⁻⁵ B3
			
	10⁻⁵ C1	10⁻⁵ C2	10⁻⁵ C3

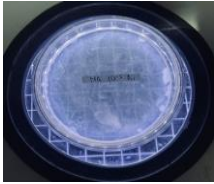
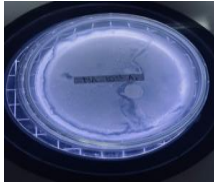
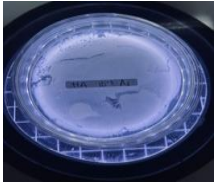
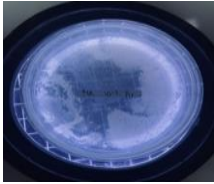
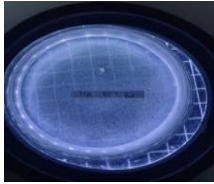
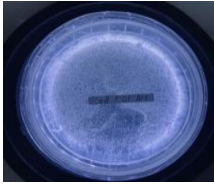
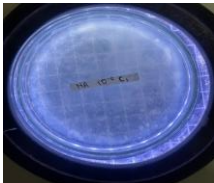
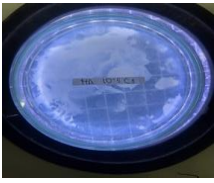
Lampiran 14 : Isolasi Sampel *Nutrient Agar* Hari Ke 5

<i>Nutrient Agar</i> (NA) dengan antibiotik Amoxcillin			
	10⁻⁵ A1	10⁻⁵ A2	10⁻⁵ A3
			
	10⁻⁵ B1	10⁻⁵ B2	10⁻⁵ B3
			
	10⁻⁵ C1	10⁻⁵ C2	10⁻⁵ C3

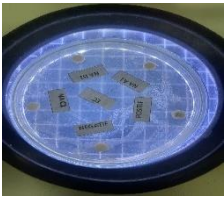
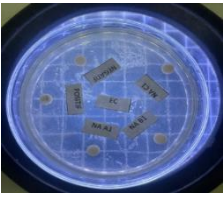
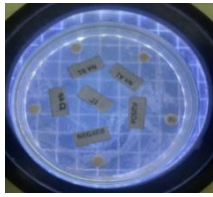
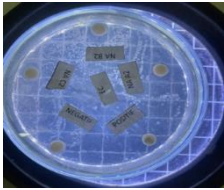
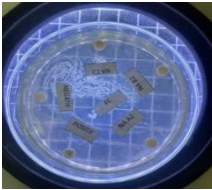
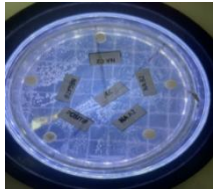
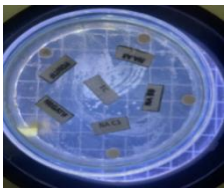
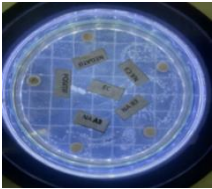
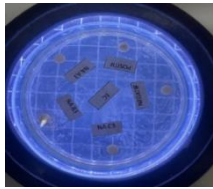
Lampiran 15 : Isolasi Sampel *Nutrient Agar* Hari Ke 6

<i>Nutrient Agar</i> (NA) dengan antibiotik Amoxcillin			
	10^{-5} A1	10^{-5} A2	10^{-5} A3
			
	10^{-5} B1	10^{-5} B2	10^{-5} B3
			
	10^{-5} C1	10^{-5} C2	10^{-5} C3

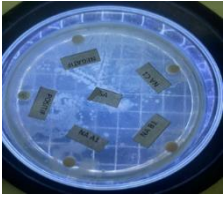
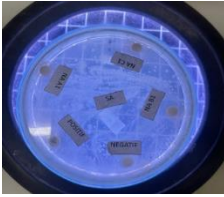
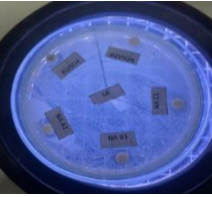
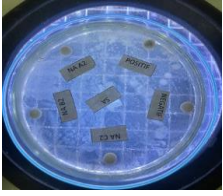
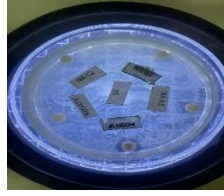
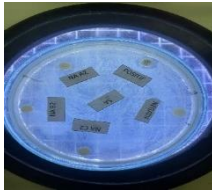
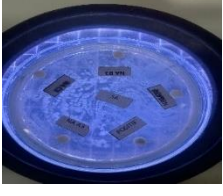
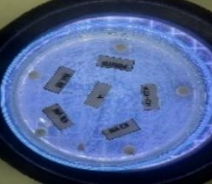
Lampiran 16 : Isolasi Sampel *Nutrient Agar* Hari Ke 7

<i>Nutrient Agar</i> (NA) dengan antibiotik Amoxcillin			
	10⁻⁵ A1	10⁻⁵ A2	10⁻⁵ A3
			
	10⁻⁵ B1	10⁻⁵ B2	10⁻⁵ B3
			
	10⁻⁵ C1	10⁻⁵ C2	10⁻⁵ C3

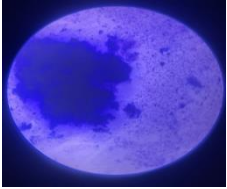
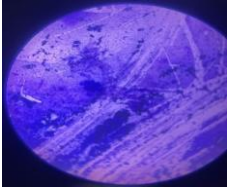
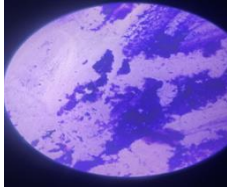
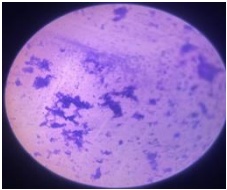
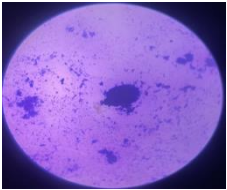
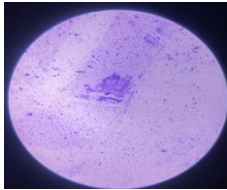
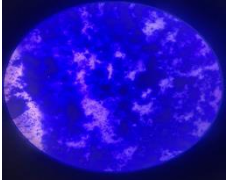
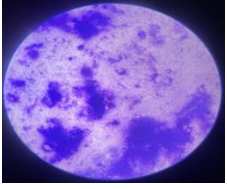
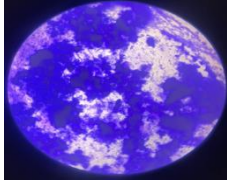
Lampiran 17: Hasil Uji Bakteri *Escherichia coli* Ke 1

		
A1	B1	C1
		
A2	B2	C2
		
A3	B3	C3

Lampiran 18 : Hasil Uji Bakteri Staphylococcus aureus Ke 1

		
A1	B1	C1
		
A2	B2	C2
		
A3	B3	C3

Lampiran 19 : Pewarnaan Bakteri

		
10^{-5} A1	10^{-5} A2	10^{-5} A3
		
10^{-5} B1	10^{-5} B2	10^{-5} B3
		
10^{-5} C1	10^{-5} C2	10^{-5} C3

Lampiran 20 : Perhitungan Media Nutrient Agar & Antibiotik Amoxicilin Untuk Isolasi Bakteri

Media <i>Nutrient Agar</i>	Antibiotik Amoxicilin
1 cawan petri (20 ml) x 10 cawan petri = 300 ml (aquadest) 28 (ketentuan <i>Nutrient Agar</i>) x 300 ml (aquadest) : 1000 ml = 8,4 gram (dilebihkan).	300 ml (aquadest) x 20 $\mu\text{g/ml}$ = 6000 $\mu\text{g} : 1000 = 6 \text{ mg} : 1000 = 0,0060 \text{ gram.}$

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