

A- B (อาหารเลี้ยงเชื้อ)

1. Lead Acinetobacter
2. Beef extract
3. Bile esculin
4. Baird Parker agar
5. Blood agar
6. Brain Heart Infusion (BHI) Broth
7. Brilliant green bile broth 2%
8. Bile salt
9. Brila broth
10. Bird Seed
11. Benet's Agar

C (อาหารเลี้ยงเชื้อ)

1. Cook meat medium
2. Casein
3. Carry Bair Transport medium
4. Corn meal agar
5. Cetrinide agar
6. Corn steep liquor
7. Cystine tellulite agar base
8. Czapek's Agar
9. HiChrom Candida differential agar
10. Hicrome UTI agar

## D (อาหารเลี้ยงเชื้อ)

1. Deoxycholate citrate agar
2. DNase test agar
3. Dixon's Agar (twin pack)
4. Dermatophyte test agar

## E (อาหารเลี้ยงเชื้อ)

1. EC broth
2. EMB
3. GC agar base

## H-I (อาหารเลี้ยงเชื้อ)

1. Hektoen Enteric
2. ISP medium 2

## L (อาหารเลี้ยงเชื้อ)

1. Lactose broth
2. Lauryl sulphate tryptose broth (LST)
3. Listeria enrichment broth
4. LJ medium (Lowenstein Jensen medium base)
5. Luria–bertani (LB) broth
6. Lysine decarboxylase broth
7. Littman Oxgall Agar

## M (อาหารเลี้ยงเชื้อ)

1. MacConkey agar
2. Malt extract powder

3. Manital salt agar (MSA)
4. Motility–Indole–Lysine (MIL) Medium
5. Motility Indole Ornithine (MIO) Medium
6. MRS broth
7. MR–VP
8. MRVS broth (Rappaport Vassiliadis Modified semi–solid Medium Base)
9. Mueller Hinton Broth (MHB)
10. Mueller Hinton Agar (MHA)
11. Manitol–egg yolk polymyxin (MYP) agar
12. Mycosel Agar
13. MaCoy’s 5A medium
14. Motility test medium

#### N–O (อาหารเลี้ยงเชื้อ)

1. Nitrate Broth
2. Nutrient broth (NB)
3. Nutrient Agar (NA)
4. Oatmeal Agar
5. OF Basal medium

#### P (อาหารเลี้ยงเชื้อ)

1. Peptone M = Meat peptone
2. Bio–peptone
3. Peptone
4. Peptone from casein
5. Peptone water
6. Alkaline peptone water

7. Phenol red broth
8. Plate count agar (PCA)
9. Potato dextrose broth (PDB)
10. Potato dextrose Agar (PDA)
11. Proteose peptone
12. Pseudomonas agar F (for fluorescein)
13. Pseudomonas agar P (for pyocyanin)
14. Pikovskaya's broth

#### R-S (อาหารเลี้ยงเชื้อ)

1. Rhamnose Broth
2. RVS broth
3. Rose Bengal agar
4. RPMI-1640 medium
5. Sabouroud 4% dextrose agar (SDA)
6. SDA + chloramphenicol
7. Sabouroud 4% dextrose broth (SDB)
8. SFP Agar Base
9. Simmon citrate agar
10. SIM (Sulfur, Indole, Motility) Medium
11. Skim milk
12. Salmonella shigella agar (SS) agar
13. Staphylococcus medium
14. Strach casien agar (SCA)
15. Streptococcus selective agar

## T (อาหารเลี้ยงเชื้อ)

1. Tryptone water
2. TSC
3. TSI (Triple sugar iron agar)
4. (Thioglycolate citrate bile salt sucrose Agar) TCBS
5. Tetrathionate broth base
6. Thioglycolate medium
7. Todd Hewitt broth
8. Trypticase soy broth (TSB)
9. TGYE (Tryptone glucose yeast extract agar)
10. Tryptose
11. Tryptone (Casein enzyme hydrolysate type I)

## U-Z (อาหารเลี้ยงเชื้อ)

1. Urea broth base
2. Violet Red Bile Agar
3. XLD agar
4. Yeast extract
5. Yeast Extract granulated
6. Yeast Malt Broth (YM)
7. Yeast carbon base
8. Yeast nitrogen base

## A (สารเคมี)

1. Agar
2. Agarose
3. Aluminium oxide
4. Aluminium hydroxide ( $\text{Al(OH)}_3$ )
5. Aluminium chloride
6. Aluminium potassium sulphate
7. Ascorbic acid
8. tri-Ammonium citrate (Ammonium citrate tribasic)
9. Ammonium chloride ( $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$ )
10. Ammonium nitrate
11. Ammonium sulfate
12. Ammonium peroxodisulfate (APS)
13. Ammonium iron (II) sulphate hexahydrate (Ammonium ferrous sulphate)
14. Ammonium iron (III) sulphate hexahydrate
15. Ammonium potassium sulfate
16. Ammonium iron (III) citrate (Ammonium ferric citrate = Ferric ammonium citrate)
17. Ammonium oxalate
18. di-ammonium hydrogen citrate
19. di-ammonium hydrogen orthophosphate
20. Ammonium Molybdate tetrahydrate
21. Ammonium metavanadate
22. Anti – A
23. Anti – B
24. Glacial acetic acid
25. Acetone ( $\text{CH}_3\text{COOH}$ )

26. 40% Acrylamide/Bis Solution, 29:1

27. Amino Black Ten B

#### B (สารเคมี)

1. Barritt's Reagent A
2. Barritt's Reagent B
3. Bentonite
4. Boric acid
5. Bovine bile
6. Buffer Solution pH 4
7. Buffer Solution pH 7
8. Buffer Solution pH 10
9. 2,6 Di-Tert butyl-4-methylphenol

#### C (สารเคมี)

1. Calcium chloride
2. Calcium carbonate
3. Calcium nitrate
4. tri-Calcium phosphate
5. Calcium sulphate
6. Carboxymethyl cellulose sodium salt
7. Cellulose acetate
8. Cetyltrimethylammonium bromide (C-TAB)
9. Citric acid
10. Copper (II) acetate
11. Copper (II) Sulfate
12. Cobalt (II) chloride

13. Cobalt (II) nitrate
14. Chromium (III) potassium sulfate
15. Chloroform (2.5L)
16. D-cyclocerine
17. Chromotrope 2R
18. L-Cysteine hydrochloride
19. Cytryl Alcohol
20. Cyclomethicone
21. Carmine

#### D (สารเคมี)

1. Diethyl ether (2.5L)
2. DMSO (2.5L)
3. Diethanolamine (1L)
4. 3,5 Dinitrosalicylic acid
5. Deionized water

#### E (สารเคมี)

1. EDTA-di-sodium salt
2. Ethyl acetate (2.5L)
3. Ethylenediamine (1L)
4. Esculin hydrate
5. 70% Alcohol
6. 95% Ethanol
7. Absolute Ethanol (2.5L)



## F (สารเคมี)

1. Folic acid
2. Formaldehyde
3. Folin–Ciocalteu reagent

## G (สารเคมี)

1. L-glutamic acid
2. Glycerol
3. Gelatin
4. Glycine
5. Gibberellic acid

## H (สารเคมี)

1. Hexanes (4L)
2. Histopaque
3. Hydrochloric acid (2.5 L)
4. 30% Hydrogen peroxide

## I (สารเคมี)

1. Immersion oil
2. Iodine
3. Iron (II) ammonium sulphate
4. Iron (II) chloride
5. Iron (II) sulphate
6. Iron (III) ammonium citrate
7. Iron (III) citrate = Ferric citrate
8. Iron (III) chloride hexahydrate (Ferric chloride)

9. Iron (III) nitrate
10. Iron (III) sulphate
11. Isoamyl alcohol
12. Isopropanol (Propan-2-ol)

#### K- L (สารเคมี)

1. Kovac reagent
2. Kinetic
3. Lactic acid
4. Lactic acid aluminium salt
5. Lecithin
6. Lithium acetate = thioctic acid
7. Lithium chloride
8. Lysozyme

#### M (สารเคมี)

1. Magnesium chloride
2. Magnesium sulfate
3. Manganese (II) chloride tetrahydrate
4. Manganese (II) sulfate monohydrate
5. Mercury (II) chloride or Mercuric chloride
6. Mercury (II) sulphate
7. Methanol (2.5L)
8. Molybdenum trioxide

## N-O (สารเคมี)

1. N-N-N'-N'-tetramethyl-p-phenylenediamine dihydrochloride
2. N,N,N',N'-tetramethyl-ethylenediamine (TEMED)
3. Nickel (II) sulphate heptahydrate
4. N-1-Naphthylethyl diamine dihydrochloride
5.  $\alpha$ -Naphthol
6. Nessler's reagent
7. Olive oil

## P (สารเคมี)

1. Parraffin (2.5L)
2. Pepsin A
3. Permout
4. O-Phenanthroline
5. Phenolphthalein
6. Phenol crystal
7. Phenol Solution
8. polyethylene glycol 6000
9. Potassium acetate
10. Potassium citrate
11. Potassium chloride
12. Potassium dichromate
13. Potassium ferric cyanide
14. Potassium dihydrogen citrate
15. Potassium dihydrogen orthophosphate (KH<sub>2</sub>PO<sub>4</sub>)
16. di-Potassium hydrogen phosphate (K<sub>2</sub>HPO<sub>4</sub>)

17. Potassium hydrogen sulphate
18. Potassium hydroxide
19. Potassium iodide
20. Potassium nitrate
21. Potassium permanganate
22. Potassium sodium tartrate
23. Potassium sulphate
24. Potassium tellurite
25. Proteinase K
26. Sodium pyruvate
27. Polyvinyl alcohol
28. Diphenylamine
29. Pentan-1-ol (2.5L)
30. Petroleum spirit (2.5L)
31. Perchloric acid (2.5L)
32. Phosphoric acid (1L)
33. Phosphotungstic acid

## S (สารเคมี)

1. Salicylic acid
2. Silver nitrate
3. Silver sulphate
4. Sodium acetate trihydrate
5. Sodium azide
6. Sodium carbonate anhydrous
7. Sodium chloride
8. Tri-Sodium citrate dihydrate

9. Sodium dihydrogen orthophosphate
10. Di-Sodium Hydrogen orthophosphate anhydrous
11. SDS (Sodium Dodecyl Sulfate)
12. Sodium hydrogen carbonate (Sodium bicarbonate)
13. Sodium hexametaphosphate
14. Sodium hydroxide
15. Sodium iodide
16. Sodium L-ascorbate
17. 10% Sodium hypochlorite (5000 ml)
18. Sodium molybdate dihydrate
19. Sodium nitrite
20. Sodium nitrate
21. Sodium propionate
22. Sodium pyrophosphate tetrabasic
23. Sodium sulphite
24. Sodium sulphate
25. Sodium tartrate
26. Sodium thiosulfate
27. Sodium tungstate
28. tri -Sodium orthophosphate
29. Starch
30. Sodium Carboxymethyl cellulose
31. Sulfuric acid 50%(2.5L)
32. Sulfuric acid 96%(2.5L)
33. Sodium (5)-lactate-solution 50%
34. Sulfanilic acid

## T (สารเคมี)

1. Tartaric acid
2. Thiamine HCl (vitamin B1)
3. 2-Thiouracil
4. Tin (II) chloride
5. Tincture iodine
6. Triethanolamine
7. Trichloroacetic acid (TCA)
8. 2,3,5-Triphenyltetrazolium chloride  
(Tetrazolium red = Tetrazoliumrotchloride)
9. Tris-HCl
10. Tris-base
11. Trypsin
12. L-Tryptophan
13. Tween 20
14. Tween 40
15. Tween 60
16. Tween 80
17. 10X TAE Buffer
18. 10X TBE (Tris-Boric acid-EDTA) buffer pH 8.0
19. Triolein
20. Titanium (II) sulfate solution
21. Trizol reagent
22. Tetramethylethylenediamine (TMED)

## U-Z (สารเคมี)

1. Urea
2. Vitamin B12
3. Xylene(2.5L)
4. Zinc chloride
5. Zinc nitrate
6. Zinc sulphate
7. Zinc 99.9%

## Test Kits

1. Humasis Influenza A/B strip
2. Humasis Influenza A/B Ag (30 strip)
3. Bluecross HCG Cassette
4. Bluecross HCG Strip
5. Bluecross HBsAg strip
6. Bluecross HBsAb strip
7. Humasis Dengue NSI Ag
8. Humasis Malarai Pf/Pan Ag
9. หน้ายา API
10. API 20E
11. API 50 CH
12. Petrifilm Aerobic Count plate
13. Petrifilm Staph Express Plate

A-Z (ঐ)

1. Bromocresol purple
2. Bromocresol green
3. Bromophenol blue
4. Bromothymol blue
5. Carbol fuchsine
6. Congo red
7. Crystal violet
8. Eosin yellow
9. Fast green FCF
10. Ficoll 400
11. Fuchsin basic
12. Giemsa stain
13. Lactophenol cotton blue
14. Light green SF yellowish
15. Litmus
16. Malachite green
17. Methyl red
18. Methylene blue
19. Neutral Red
20. Naphthol blue black
21. Nigrosin
22. Phenol red
23. Resazulin
24. Rose Bengal
25. Safranin O
26. Safranin T
27. Thymol blue
28. Toluidine blue
29. 0.4% Trypan blue Solution
30. Wright stain



## A-Z (น้ำตาลและกรดอะมิโน)

1. L-Arginine
2. Adonitol
3. L-arabinose
4. L-Asparagine
5. Cellobiose
6. D-Glucose (Dextrose)
7. Ducitol
8. Fructose
9. D(+)-Galactose
10. Inositol
11. Lactose
12. Melibiose
13. Maltose
14. Mannose
15. Mannitol
16. L-Ornithine
17. Raffinose
18. Rhamnose
19. Sorbitol
20. Sucrose
21. L-Tyrosine
22. Trehalose
23. Xylose
24. Xanthine

## ยาปฏิชีวนะ (แบบผง)

1. Ampicillin
2. Amphotericin B
3. Ciprofloxacin
4. Chloramphenicol
5. Cycloheximide
6. Colistin
7. Gentamicin sulfate salt
8. Kanamycin sulfate
9. Polymyxin B
10. Penicillin G
11. Streptomycin sulphate
12. Tetracyclin hydrochloride

## รายการยาปฏิชีวนะแบบ disc

- |     |  |          |
|-----|--|----------|
| 1.  | Amikacin disc (AK)                         | 30 µg    |
| 2.  | Amoxicillin disc (AML)                     | 10 µg    |
| 3.  | Amoxicillin/Clavulanic acid disc 2:1 (AMC) | 30 µg    |
| 4.  | Ampicillin disc (AMP)                      | 10 µg    |
| 5.  | Ampicillin sulbactam disc (SAM)            | 20 µg    |
| 6.  | Bacitracin disc (B)                        | 10 units |
| 7.  | Cephalotin disc (KF)                       | 30 µg    |
| 8.  | Cefepime disc (FEP)                        | 30 µg    |
| 9.  | Cefotaxime (CTX)                           | 30 µg    |
| 10. | Ceftazidime (CAZ)                          | 30 µg    |
| 11. | Ceftazidime /Clavulanic acid disc          | 30/10 µg |

12.	Cefoxitin (FOX)	30 µg
13.	Cefpodoxime (CPD)	10 µg
14.	Ceftriaxone (CRO)	30 µg
15.	Chloramphenical disc (C)	30 µg
16.	Ciprofloxacin disc (CIP)	5 µg
17.	Colistin (CT)	10 µg
18.	Doxycycline (DO)	30 µg
19.	Enrofloxacin disc (ENR)	5 µg
20.	Erythromycin disc (E)	15 µg
21.	Gentamycin disc (CN)	10 µg
22.	Imipenem disc (IPM)	10 µg
23.	Kanamycin disc (K)	30 µg
24.	Levofloxacin disc (LEV)	5 µg
25.	Meropenem disc (MEM)	10 µg
26.	Nalidixic acid disc (NA)	30 µg
27.	Nitrofurantoin disc (F)	300 µg
28.	Novobiocin disc (NV)	5 µg
29.	Norfloxacin (NOR)	10 µg
30.	ONPG disc	DD 13
31.	Optochin disc (OP)	5 µg
32.	Oxacillin disc (OX)	1 µg
33.	Oxinic acid dksc (Oxolinic acid) (OA)	2 µg
34.	Penicillin G disc (P)	10 units
35.	Polymyxin B (PB)	300 Units
36.	Streptomycin disc (S)	10 µg
37.	Tetracycline disc (TE)	30 µg

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|-----|--|-------|
| 38. | Ticarcillin clavulanic acid disc 5:1 (TIM) | 85 µg |
| 39. | Trimaethoprim/Sulfamethoxazole (SXT)       | 25 µg |
| 40. | Vancomycin disc (VA)                       | 30 µg |