

Microbiology

Appendix-17

Reagents and Chemicals			
S. No.	Items-Qty	Packing	QTY
1	Peptone salt solution	500gm	2
2	Buffered peptone water	500gm	5
3	Double-strength buffered peptone water	500gm	2
4	Saline peptone water	500gm	2
5	Saline Peptone Diluent	500gm	2
6	Peptone for preparing 0.1 % Peptone solution	500gm	2
7	Peptone Water	500 ml	1
8	Alkaline Saline Peptone Water (ASPW)	500 ml	2
9	Potassium dihydrogen phosphate buffer	500gm	2
10	Phosphate buffered diluent	500gm	2
11	Skimmed milk powder:	100gm	5
12	Oxidase test reagent/disc:	five packets of 100 disc in each packet	5
13	Catalase test reagent:	100ml	2
14	Reagent for hydrolysis of Hippurate:	100ml	2
15	3% Hydrogen Peroxide:	500ml	1
16	Nalidixic acid (30 µg) discs;	five pack	5
17	Cephalothin (30 µg) discs;	five pack	5
18	Sodium Hippurate Solution;	100ml	2
19	Ninhydrin Solution;	100ml	2
20	Indoxyl acetate discs (2.5 to 5.0 mg):	five pack	5
21	α-Glucosidase enzymatic assay solution.:	100ml	1
22	Sodium chloride:	500gm	1
23	Gram staining kit;	02 numbers	2
24	L-rhamnose, minimum pack	100 gm	1
25	D-sucrose, minimum pack	100 gm	1
26	Amygdaline, minimum pack	100 gm	1
27	Lactose, minimum pack	100 gm	1
28	D -Glucose, minimum pack	100 gm	1
29	D-Sorbitol , minimum pack	100 gm	1
30	Melibiose, minimum pack	100 gm	1
31	Methyl red indicator (methyl red and ethanol):	100ml	2
32	V.P Reagent	100ml	2
33	potassium dihydrogen phosphate (KH ₂ PO ₄)	500gm	2
34	oxidase reagent (N, N, N', N'- Tetramethyl-p-phenylenediamine dihydrochloride) :	25 g	2
35	Kovac's reagent	100ml	2
36	Oxidase Kovac's Reagent	100ml	2
37	1% aqueous Brilliant Green Dye Solution;	100ml	1
38	Toluene,	250 ml bottle	1
39	B-galactosidase, reagent or disc (ONPG Reagent)	01*100ml or two pack	2
40	Potassium Tellurite solution	100ml	2



41	Sulfamezathine solution	100ml	2
42	Egg Yolk Emulsion	100 ml	2
43	Ethanol 95 % v/v	500 ml	2
44	Para-amino dimethylaniline hydrochloride	100 ml	2
45	D-Arabitol	500gm	2
46	Absolute Ethanol	500 ml	2
47	Aqueous Potassium Hydroxide	500gm	2
48	A-Methyl-D-Glucoside	500gm	2
49	Reconstituted Non-fat Dry Milk	500gm	2
50	β - Galactosidase	500gm	2
51	Sterile Mineral oil	500 ml	2
52	Halotolerance Saline Peptone Water (0, 2, 6, 8 & 10% NaCl)	500 ml	2
53	Trypsin	1 Vial	1
54	Sterile Lysed Horse Blood	500 ml	2
55	liquid paraffin;	500ml	2
56	Sodium mucate, minimum pack	100 g	1
57	Ethanol/IPA 70%:	500ml	5
58	ferric chloride solution:	100ml	1
59	di-phenylalanine, minimum pack	100 g	1
60	alpha naphthol:	200ml	1
61	Sodium Propionate:	100gm	1
62	1% Aquash green dye solution	200 ml	2



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