

LIST OF EQUIPMENTS OF VETERINARY MICROBIOLOGY

S.No.	PRESCRIBED EQUIPMENTS	REQUIRED	AVAILABLE QUANTITY
1.	Autoclave	2	2
2.	Hot-air Oven	2	2
3.	Seitz filter assembly including Seitz, vacuum pressure pumps etc.	1	1
4.	Millipore filters	As per need	1
5.	Students Microscopes with light source	15	15
6.	Stage and ocular micrometer (for measurement of bacteria)	5	7

S.No.	PRESCRIBED EQUIPMENTS	REQUIRED	AVAILABLE QUANTITY
7.	Hanging drop preparation slides with cover-slips	30	30
8.	Petri-dishes 3" and 4"	As per need	1
9.	Platinum loops	As per need	1
10.	Bunsen burners	20	20
11.	Mc'intosh and fields's anaerobic jar	2	2
12.	Incubator	2	2
13.	Biological Oxygen Demand (B.O.D.) Incubator	1	1

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14.	Water bath	2	2
15.	Deep-freeze 20 degree C	1	1
16.	Photo Colorimeter	2	2
17.	Ultra-violet Lamp	2	2
18.	Laminar flow cabinet	2	2
19.	Colony Counter	2	2
20.	ELISA test reader	1	1
21.	Microtips and boxes	As per need	1
22.	Syringes etc.	As per need	1

S.No.	PRESCRIBED EQUIPMENTS	REQUIRED	AVAILABLE QUANTITY
23.	Scalpel, forceps, scissors etc.	As per need	12
24.	Immuno electrophoresis apparatus	2	2
25.	Centrifuge ordinary	2	2
26.	Hight-speed centrifuge (16000 to 20000 rpm)	1	1
27.	Refrigerated centrifuge	1	1
28.	Dental drill (for egg inoculation)	4	4
29.	Automatic pipette washer	2	2
30.	Glass-ware, cotton wool, syringe, media, sugars, etc.	As per need	5

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31.	Egg Candler	2	2
32.	Egg Incubator	1	1
33.	Inverted Microscope	1	1
34.	Refrigerator	1	1
35.	Haemocytometer chamber	4	4
36.	Micropipette (0.5-10 μ l, 10-200 μ l, 100-1000 μ l)	1 each	1 each
37.	Multichannel micropipette (10-300 μ l)	1	1
38.	Vortex Mixer	1	1
39.	Weighing Balance	1	1
40.	Magnetic Stirrer	1	1

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41.	Microcentrifuge	1	1
42.	Blotting Apparatus	1	1
43.	Agarose Gel Electrophoresis unit with Power Supply	1	1
44.	Polyacrylamide Gel Electrophoresis unit with Power Supply	1	1
45.	Thermocycler with UPS	1	1
46.	Multi-well Microtitre plates for ELISA, haemmagglutination, Haemmagglutination-Inhibition, cell culture	As per need	1
47.	Cell culture flasks of different sizes	As per need	1