

Microbiology Equipment List

AS PER NMC NORMS.

Sr. No.	Name of the Items	Availability
(A)		
1	Microscope (Specified as in Pathology)	65
2	Culture Plates/Petri Dishes	Available
3	Glass wares including Pasteur Pipettes	Available
4	Facility for heating slides	Available
(B) General		
5	Anaerobic apparatus	1
6	Autoclave	4
7	Balance Electronic Digital	1
8	Biosafety Cabinet Type-2A	3
9	BOD Incubator	1
10	Centrifuge	4
11	CO2 Incubator/Candle Jar	1
12	Computer Unit	11
13	Deep Freeze -20°C & Deep Freezer	1
14	Distilled Water Plant	1
15	Elisa Reader with washer	1
16	Hot Air Oven	2
17	Incubator	5
18	Lab Refrigerator (minimum 400 liters)	2
19	Laminar flow	2
20	Micrometer eye pieces	1
21	Micrometer stage	1
22	Microscope Binocular	65
23	Microscope with universal condenser containing oil immersion Bright filed, Phase Contrast & Dark ground	01
24	PH determination apparatus	1
25	Serum Inspissators	2
26	VDRL shaker	1
27	Vortex Mixer	1
28	Water bath with variable temperature	3
29	Oil-immersion lens for student microscope	1
30	Automated Blood Culture System	1
31	Colony Counter	1
(c) Consumables for Culture and Serological Diagnosis		
32	Antibiotic Discs for Antibiotic susceptibility testing	Available
33	Antibiotic zone scale	Available
34	Antisera-Salmonella	Available
35	Antisera-Shigelladysenteriae	Available
36	Antisera-Shigella Flexneri	Available
37	Antisera-Shigella sonnei	Available
38	Antisera-Vibrio cholerae	Available
39	ATCC strain-Enterococcus faecalis 29213	Available
40	ATCC strain-E. coli 25922	Available
41	ATCC strain-E. coli 35218	Available

42	ATCC strain-Pseudomonas aeruginosa 27853	Available
43	ATCC strain-Staphylococcus aureus 25923	Available
44	ATCC strain-Staphylococcus aureus 29213	Available
45	Bottles for blood culture	Available
46	Micropipettes – Multi channel & Single channel	1
47	Digital Thermometers of different temperatures	1
(D) BSL 2 Lab		
48	80° C deep freezer with UPS	1
49	Real-time PCR machine calibrated for the fluorophore dyes with UPS (2 nos., 2KVA each, with 2 hours back-up)	1
50	Microcentrifuge/ Refrigerated Centrifuge	1+1
51	(a) Personal Protective equipment (PPE) (b) Viral Transport Medium (VTM) (c) All other consumables and kits as required or Virology studies.	Available
52	Magnifying glass with metal handle	1
53	Metal mincing machine	Nil
54	Postmortem instrument sets complete	1
55	Suction pumps	1
56	Filtering apparatus Seitz	1
57	Filter and Millipore filter each	1
58	Dessicators	Available-4,5,6
59	Vacuum Dessicators	Available-6,8
60	Apron plastic for postmortem	Available
61	Apron rubber for postmortem	Available
62	Lyophilizer	Available
63	Thermal Cycler	Available
64	U.V. Transilluminator with photography	Available
65	Colony counter	Available
66	Cold room 4 degree Celsius	Available
67	BACTEC system	Available
68	Phase contrast Microscope	Available
69	Vortex mixer	Available
70	Electronic Balance	Available
71	Microfuge	Available
72	Ultra centrifuge	Available
73	Fluorescent Microscope	Available
74	Biosafety cabinet type-2A	04


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