



Lee Kong Chian School of Medicine, Clinical Sciences Building,
11 Mandalay Road #16-01, Singapore 308232

Provisional List of co11ab's Equipment in Life Science Lab

(as of 1 Jan 2026)

No	Equipment	Quantity	Brand and model
Wet lab			
1	^a Fridges (under-bench)	10	Liebherr LKUexv 1610 MediLine
2	^b Freezers (under-bench)	10	Liebherr LGUex 1500 MediLine
3	Fume hood	1	Kewaunee Supreme Air Hood (4 feet)
4	Water purification system	1	Milli-Q [®] IQ 7005 (50L)
5	Refrigerated microcentrifuge	1	Thermo Sorvall Legend 21R
6	Microcentrifuge	1	Thermo Sorvall Legend 21
7	Weighing balance	1	Sartorius Entris Series 220g; 0,1 mg Analytical Balance
8	pH meter	1	Sartorius pH-Meter PB-10
9	Dry bath incubator	1	Elite Dry Bath incubator dual block unit
10	Hotplate magnetic stirrer	1	Labnet accuplate analog hotplate magnetic stirrer
11	Vortex	3	Scientific Ind Vortex-Genie 2
12	Mini centrifuge	3	Fisher Scientific Std Mini-Centrifuge
13	Orbital shaker	1	Benchmark Scientific Orbi-Shaker™
14	Thermal cycler (PCR)	1	SimplyAmp
15	Electrophoresis system	2	Biorad Mini-PROTEAN Tetra Vertical Electrophoresis set
16	Gel documentation system	1	Biorad ChemiDoc MP imaging system
17	Spectrophotometer	1	Thermo Scientific NanoDrop OneC
18	Anti-flammable safety cabinet	1	Justrite anti-flammable cabinet 45 Gallon
19	Anti-flammable safety cabinet	1	Justrite anti-flammable cabinet 22 Gallon
20	Acid-proof cabinet	1	Justrite acid safety cabinet 17 Gallon
21	Microwave oven	1	SHARP R-92A0(ST)V
22	Sonicator	1	500W Probe sonicator with enclosure
23	Real-time PCR	1	QuantStudio 3 real-time PCR system
24	Plate reader	1	Tecan infinite 200 Pro MPlex
25	Plate spinner centrifuge	1	Labnet MPS 1000 Mini Plate Spinner
26	Horizontal Electrophoresis System	1	Biorad Wide-Mini Sub Cell GT
27	Refrigerated centrifuge	1	Thermo Scientific Sorvall ST 8R
28	Transilluminator	1	Maestrogen LB-16 UltraBright
Tissue culture room			



Lee Kong Chian School of Medicine, Clinical Sciences Building,
11 Mandalay Road #16-01, Singapore 308232

1	TC hoods	3	Thermo Scientific 1300 Series Class II Type A2 BSC
2	CO2 incubators	3	Panasonic PHCbi's CO2 incubators 170L
3	CO2 incubator	1	Panasonic PHCbi's CO2 incubators 230L
4	Fridges, under bench	2	Liebherr LKUexv 1610 MediLine
5	Refrigerated centrifuge	1	Thermo Scientific Sorvall X1R Pro
6	Aspirating system	3	DLAB SAFEVAC Vacuum Aspiration System (4L)
7	Phase contrast microscope	1	Leica DMI1 basic Stand Outfit
8	Water bath	1	Memmert WNB10 Waterbath, 10L
9	Cell counter	1	LUNA-II cell counter
10	Live-Cell Analysis System	1	Sartorius Incucyte® SX5
Microscope room			
1	Inverted epifluorescence microscope	1	EVOS M5000 Imaging System
Equipment room			
1	Freezers - 80°C	2	PHC MDF-DU702VX-PE TwinGuard ULT Freezer
2	Freezers, under bench	2	Liebherr LGUex 1500 MediLine
3	Ice machine	1	Ice maker Hoshizaki FM-150KE
4	Liquid Nitrogen tank	1	Thermo Scientific Cryo Locator 4 plus
Autoclave room			
1	Autoclave	2	Hirayama HG-80
2	Oven, single door	1	Thermo Heratherm 400L
3	Centrifuge	1	Hettich ROTINA 420 (4x600mL)
4	Incubator	1	Incucell 55 ECO Incubator
5	Shaker incubator	1	Benchmark Incu-shaker 10L

^{a, b} each bench comes with either one under-bench 4°C fridge or one under-bench -20°C freezer (to be selected by the member occupying the bench)