

Hong Kong Science and Technology Parks Corporation

Biomedical Technology Support Centre Equipment List

Updated on 20/6/2023

Category	Equipment no.	Location	Equipment name	Model no.	Details	Pricing
Analytical Instruments	BSL-090	510A, 9W	Real Time - PCR	Roche LC 480	96-well format Reaction volume: 10-100 µL Support SYBR Green, TaqMan, HRM assays *requires LC480 96-well plate	\$120/hour
Analytical Instruments	BSL-092	510A, 9W	Thermal Cycler	Biorad C1000 Touch	96-well format, with gradient function Reaction volume: 10-50 µL	\$60/hour
Analytical Instruments	BSL-099	510A, 9W	Microvolume UV-Vis Spectrophotometer	Nanodrop 2000c	Allows measurement using cuvette	Accessories#
Analytical Instruments	BSL-110	510A, 9W	Texture Analyzer	Stable Micro Systems TA.XT. plus	Equipped with 500 g and 5 kg loadcell	\$120/hour
Analytical Instruments	BSL-131	510A, 9W	Thermal Cycler	Applied Biosystems Veriti 96-well	Supports 96-well plate, 8-well strip Single dome shape 0.2 mL PCR tube	\$60/hour
Analytical Instruments	BSL-133	510A, 9W	Ultra Performance Liquid Chromatography System	Waters ACQUITY I Class	Up to 18,000 psi PDA eA detector: 190-800 nm Flow through needle design to reduce carryover *requires column, solvents and vials	\$220/hour
Analytical Instruments	BSL-137	101-103, 15W	Thermal Cycler	Biorad C1000 Touch	Dual block, 48 wells each	\$60/hour
Analytical Instruments	BSL-148	101-103, 15W	Microvolume UV-Vis Spectrophotometer	Nanodrop OneC Wi-Fi	Allows measurement using cuvette	Accessories#
Analytical Instruments	BSL-177	510A, 9W	UV-Vis Spectrophotometer	Agilent Cary 3500	Double beam, 190–1100 nm 8 cuvette positions 4 temperature controlled zones	Accessories#
Analytical Instruments	BSL-184	101-103, 15W	Real Time - PCR	Applied Biosystems QS7 Flex	96 and 384-well format 0.2ml well block for 96-well format Supports SYBR Green, TaqMan, HRM assays	\$120/hour
Analytical Instruments	BSL-202	701, 17W (Post-PCR Room)	Thermal Cycler	VeritiPro Thermal Cycler	--	\$60/hour
Analytical Instruments	BSL-203	701, 17W (Post-PCR Room)	Thermal Cycler	VeritiPro Thermal Cycler	--	\$60/hour
Analytical Instruments	BSL-204	701, 17W (Post-PCR Room)	Thermal Cycler	VeritiPro Thermal Cycler	--	\$60/hour
Analytical Instruments	BSL-205	701, 17W (Pre-PCR Room)	Thermal Cycler	VeritiPro Thermal Cycler	--	\$60/hour
Analytical Instruments	BSL-206	701, 17W (Pre-PCR Room)	Thermal Cycler	VeritiPro Thermal Cycler	--	\$60/hour
Analytical Instruments	BSL-211	701, 17W (QC Station)	Real Time - PCR	Roche LC 480	96 and 384 well formats Reaction volume: 10-100 µL Support SYBR Green, TaqMan, HRM assays *requires LC480 96-well plate	\$120/hour
Analytical Instruments	BSL-248	701, 17W (QC Station)	Fluorometer	DeNovix QFX	--	Accessories#
Analytical Instruments	BSL-249	701, 17W (Pre-PCR Room)	Fluorometer	DeNovix QFX	--	Accessories#
Analytical Instruments	BSL-252	701, 17W (QC Station)	Microvolume UV-Vis Spectrophotometer	DeNovix DS-11	--	Accessories#
Analytical Instruments	BSL-255	111-113 & 115, 11W	Flash Chromatography System	Biotage® Selekt	Supports cartridge 10g, 25g, 100g and 350g Silica Column 10g & 25g	\$220/hour
Analytical Instruments	LAP-001	510A, 9W	Immunoassay Analyzer	Millipore Luminex 200	96-well plate format Detects up to 100 analytes per well Detects and distinguishes surface reporter fluorescence emissions at 575 nm on microsphere	\$120/hour
Analytical Instruments	LAP-002	510A, 9W	Multimode Microplate Reader	Thermo Varioskan Flash	Fluorometry: 6-1536 well plate; excitation: 200-1000 nm; emission: 270-840 nm Luminometry: 6-1536 well plate; 360-670 nm; spectral scanning 270-840 nm Photometry: 6-384 well plate; 200-1000 nm	\$60/hour
Analytical Instruments	LAP-016	510A, 9W	Capillary Electrophoresis System	Beckman Coulter PA 800 Plus	Detector: UV, PDA, LIF Temperature control in sample storage and capillary Capacity: 48 vials x 2	\$120/hour
Analytical Instruments	LAP-027	510A, 9W	Multimode Microplate Reader	Molecular Devices SpectraMax iD5	Absorbance, Fluorescence, Luminescence, Time-Resolved Fluorescence detection Dual injectors Online and offline touch screen control	\$60/hour
Analytical Instruments	LAP-028	510A, 9W	Biomolecular Interaction Analyzer	ForteBio Octet RED96e	8 channels Measures 25 ng/mL to 2 mg/mL of IgG concentration in crude matrices Microfluidics-free Dip and Read™ format Sample plate cooling for temperature-sensitive proteins	\$300/hour
Analytical Instruments	LAP-036	510A, 9W	Nanoparticle Tracking Analyzer	Particle Metrix ZetaView	Measurement of nanoparrticles down to 10 nm in suspension With red and blue laser Measures size, concentration, zeta potential and fluorescence	\$120/hour
Centrifugation	BSL-055	510A, 9W	Microcentrifuge	Eppendorf 5424	--	Accessories#

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Centrifugation	BSL-078	510B, 9W	Refrigerated Centrifuge	Beckman Coulter Allegra 25R	With 24 place 0.4- 2.0 ml rotor, multiwell plate rotor	Accessories#
Centrifugation	BSL-111	527, 11W	Ultracentrifuge	Beckman Coulter Optima XPN 100	Three rotors: Swinging bucket, 6 x 38.5 mL, 28,000 rpm, 141,000 x g Swinging bucket, 6 x 13.2 mL, 41,000 rpm, 288, 000 xg Fixed angle, 8 x 13.5 mL, 90,000 rpm, 694,000 x g	\$220/day
Centrifugation	BSL-119	510B, 9W	Refrigerated Centrifuge	Eppendorf 5430R	Rotors for 1.5/2 mL, 15 mL and 50 mL tubes	Accessories#
Centrifugation	BSL-120	527, 11W	Refrigerated Centrifuge	Eppendorf 5430R	Rotors for 1.5/2 mL, 15 mL and 50 mL tubes	Accessories#
Centrifugation	BSL-132	510B, 9W	Refrigerated Centrifuge	Eppendorf 5702R	Swing bucket rotor A-4-38, with 15/50 mL adapters	Accessories#
Centrifugation	BSL-134	510B, 9W	Refrigerated Centrifuge	Eppendorf 5804R	--	Accessories#
Centrifugation	BSL-138	101-103, 15W	Refrigerated Centrifuge	Beckman Coulter Microfuge 20R	Fixed-angle rotor for 24x1.5 mL & 2.0 mL tubes	Accessories#
Centrifugation	BSL-139	101-103, 15W	Refrigerated Centrifuge	Beckman Coulter Avanti J-15R	JS-4.750 rotor for microplates, 56x15 mL and 28x50 mL conical tubes	Accessories#
Centrifugation	BSL-140	101-103, 15W	Floor Centrifuge	Beckman Coulter Avanti JXN-26	JLA-16.250 rotor for 6x250 mL bottles, 24x15 mL and 6x50 mL conical tubes	\$60/hour
Centrifugation	BSL-151	101-103, 15W	Refrigerated Centrifuge	Thermo ST8R	--	Accessories#
Centrifugation	BSL-152	101-103, 15W	Refrigerated Centrifuge	Thermo ST8R	--	Accessories#
Centrifugation	BSL-178	527, 11W	Floor Centrifuge	Beckman Coulter Avanti JXN-26	JLA-16.250 for 6x250ml bottles, JS-5.3 for 72x15mL or 28x50mL tubes and JA-30.50Ti for 8x50ml conical tubes	\$60/hour
Centrifugation	BSL-196	107A, 15W	Refrigerated Centrifuge	Thermo ST8R		Accessories#
Centrifugation	BSL-207	701, 17W (Pre-PCR Room)	Benchtop Centrifuge	Thermo Scientific Sorvall ST8 Benchtop Centrifuge	--	Accessories#
Centrifugation	BSL-208	701, 17W (Post-PCR Room)	Benchtop Centrifuge	Thermo Scientific Sorvall ST8 Benchtop Centrifuge	--	Accessories#
Centrifugation	BSL-209	701, 17W (Post-PCR Room)	Refrigerated Benchtop Centrifuge	Thermo Scientific Sorvall ST8R Refrigerated Benchtop Centrifuge	--	Accessories#
Centrifugation	BSL-210	701, 17W (Pre-PCR Room)	Refrigerated Benchtop Centrifuge	Thermo Scientific Sorvall ST8R Refrigerated Benchtop Centrifuge	--	Accessories#
Chromatography & Mass Spectrometry	LAP-010	510A, 9W	Fast Protein Liquid Chromatography System	GE Health AKTA avant 150	Flow rate up to 150 mL/min Max. operating pressure up to 725 psi UV detection wavelength: 190-700 nm Integrated fraction collector: up to 1.8 L External fraction collector for collecting organic fraction	\$60/hour
Chromatography & Mass Spectrometry	LAP-012	510A, 9W	Liquid Chromatography Mass Spectrometry System - Triple Quadrupole/Ion Trap	SCIEX QTRAP 5500	ESI & APCI ion source High sensitivity: down to PPB level Trap mode for analyte confirmation Autosampler handles up to 576 samples in 96-well plate	\$300/hour
Chromatography & Mass Spectrometry	LAP-020	510A, 9W	Liquid Chromatography Mass Spectrometry System - Triple Quadrupole/TOF	SCIEX TripleTOF 6600	30,000 resolving power in TOF MS/MS mode Q1 mass range up to 2250 m/z SWATH 2.0 2D nano-LC system	\$600/hour
Chromatography & Mass Spectrometry	LAP-040	611, 6W	Gas Chromatography-Mass Spectrometer	Shimadzu QP-2020 NX	El mode High sensitivity: m/z 272 S/N ≥ 2000 Mass range up to m/z 1090 High-Speed Scan Rate: 10000 u/sec	\$300/hour
Cold Storage	BSL-026	527, 11W	Refrigerator (4 deg C)	Sanyo MPR - 721	--	\$100/week \$400/month
Cold Storage	BSL-071	510A, 9W	Freezer (-20 deg C)	Thermo Forma 727	--	\$250/week \$1000/month
Cold Storage	BSL-072	510A, 9W	Refrigerator (4 deg C)	Recvo REL2304V21	--	\$100/week \$400/month
Cold Storage	BSL-080	510A, 9W	Freezer (-20 deg C)	Revco ULT-430W	--	\$250/week \$1000/month
Cold Storage	BSL-081	510A, 9W	Freezer (-20 deg C)	Revco ULT-430W	--	\$250/week \$1000/month
Cold Storage	BSL-102	527, 11W	Refrigerator (4 deg C)	Thermo R700-GAEW-TSC	--	\$100/week \$400/month
Cold Storage	BSL-103	510B, 9W	Refrigerator (4 deg C)	Thermo R700-GAEW-TSC	--	\$100/week \$400/month
Cold Storage	BSL-104	527, 11W	Freezer (-20 deg C)	Thermo F700-SAEW-TSC	--	\$250/week \$1000/month
Cold Storage	BSL-105	527, 11W	Freezer (-80 deg C)	Thermo TSX600V	--	\$250/week \$1000/month
Cold Storage	BSL-106	527, 11W	Freezer (-80 deg C)	Thermo TSX600V	--	\$250/week \$1000/month
Cold Storage	BSL-107	510B, 9W	Cryopreservation Storage Equipment	Thermo Locator Jr. Plus	4 racks, each rack can hold 5 boxes	\$1000/box/month
Cold Storage	BSL-135	101-103, 15W	Freezer (-80 deg C)	Thermo TSX600V	--	\$250/week \$1000/month
Cold Storage	BSL-136	510A, 9W	Freezer (-80 deg C)	Thermo TSX600V	--	\$250/week \$1000/month
Cold Storage	BSL-141	510B, 9W	Cryopreservation Storage Equipment	Thermo Locator Jr. Plus	4 racks, each rack can hold 5 boxes	\$1000/box/month

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Cold Storage	BSL-142	101-103, 15W	Combined Refrigerator/Freezer	PHCbi MPR-414F	--	\$250/week \$1000/month
Cold Storage	BSL-143	101-103, 15W	Combined Refrigerator/Freezer	PHCbi MPR-414F	--	\$250/week \$1000/month
Cold Storage	BSL-144	101-103, 15W	Refrigerator (4 deg C)	PHCbi MPR-721	--	\$100/week \$400/month
Cold Storage	BSL-145	101-103, 15W	Refrigerator (4 deg C)	PHCbi MPR-721	--	\$100/week \$400/month
Cold Storage	BSL-146	101-103, 15W	Freezer (-20 deg C)	Haier DW-30L818	--	\$250/week \$1000/month
Cold Storage	BSL-147	101-103, 15W	Freezer (-20 deg C)	Haier DW-30L818	--	\$250/week \$1000/month
Cold Storage	BSL-176	510B, 9W	Undercounter Laboratory Refrigerator	Haier HYC-118A	--	Accessories#
Cold Storage	BSL-192	101-103, 15W	Cryopreservation Storage Equipment	Thermo Locator Jr. Plus	--	\$1000/box/month
Cold Storage	BSL-193	107A, 15W	Cryopreservation Storage Equipment	Thermo Locator Jr. Plus	--	\$1000/box/month
Cold Storage	BSL-194	510B, 9W	Cryopreservation Storage Equipment	Thermo Locator 4 Plus	4 racks, each rack can hold 5 boxes	\$1000/box/month
Cold Storage	BSL-212	111-113 & 115, 11W	Refrigerator (4 deg C)	Thermo- TSX2305GV	--	\$100/week \$400/month
Cold Storage	BSL-213	510B, 9W	Refrigerator (4 deg C)	Thermo- TSX2305GV	--	\$100/week \$400/month
Cold Storage	BSL-214	701, 17W (Post-PCR Room)	Refrigerator (4 deg C)	Thermo- TSX2305GV	--	\$100/week \$400/month
Cold Storage	BSL-215	701, 17W (Post-PCR Room)	Freezer (-20 deg C)	Thermo- TSX2330FV	--	\$250/week \$1000/month
Cold Storage	BSL-216	111-113 & 115, 11W	Freezer (-20 deg C)	Thermo- TSX2330FV	--	\$250/week \$1000/month
Cold Storage	BSL-217	701, 17W (Reagent Prep Room)	Freezer (-20 deg C)	Thermo- TSX2330FV	--	\$250/week \$1000/month
Cold Storage	BSL-218	111-113 & 115, 11W	Freezer (-20 deg C)	Thermo- TSX2330FV	--	\$250/week \$1000/month
Cold Storage	BSL-219	701, 17W (Pre-PCR Room)	Freezer (-80 deg C)	Thermo- TSX40086V	--	\$250/week \$1000/month
Cold Storage	BSL-220	701, 17W (QC Station)	Freezer (-80 deg C)	Thermo- TSX40086V	--	\$250/week \$1000/month
Cold Storage	BSL-229	701, 17W (Pre-PCR Room)	Refrigerator (4 deg C)	PHCbi - MPR-S500H	--	\$100/week \$400/month
Cold Storage	BSL-230	701, 17W (Pre-PCR Room)	Refrigerator (4 deg C)	PHCbi - MPR-S500H	--	\$100/week \$400/month
Cold Storage	BSL-231	111-113 & 115, 11W	Freezer (-20 deg C)	PHCbi - MDF-MU539HL	--	\$250/week \$1000/month
Cold Storage	BSL-232	701, 17W (Pre-PCR Room)	Freezer (-20 deg C)	PHCbi - MDF-MU539HL	--	\$250/week \$1000/month
Cold Storage	BSL-233	701, 17W (QC Station)	Freezer (-20 deg C)	PHCbi - MDF-MU539HL	--	\$250/week \$1000/month
Cold Storage	BSL-234	111-113 & 115, 11W	Freezer (-80 deg C)	PHCbi - MDF-DU702VX	--	\$250/week \$1000/month
Cold Storage	BSL-235	510B, 9W	Freezer (-80 deg C)	PHCbi - MDF-DU702VX	--	\$250/week \$1000/month
Contamination Control	BSL-007	527, 11W	Chemical Fumehood	Dynaflow 1800	--	Accessories#
Contamination Control	BSL-073	510A, 9W	Biosafety Cabinet	Thermo Model 1386 Series A2, Class II, Type A2	For the work of clean reagents and materials preparation	Accessories#
Contamination Control	BSL-074	510A, 9W	Chemical Fumehood	HAMILTON H series 1500 single-sided (CM02 controller)	--	Accessories#
Contamination Control	BSL-075	510A, 9W	Chemical Fumehood	HAMILTON H series 1500 single-sided (CM02 controller)	--	Accessories#
Contamination Control	BSL-082	510B, 9W	Biosafety Cabinet	Labconco Class II A2	For the work of biosafety level 2 or below materials in the absence of volatile toxic chemicals	Accessories#
Contamination Control	BSL-094	510B, 9W	Portable Autoclave	Hirayama HG-50	For autoclaving of waste and contaminated materials	\$220/run
Contamination Control	BSL-123	525A, 11W	Biosafety Cabinet	Thermo 1300 Series Class II, Type A2	For the work of biosafety level 2 or below materials in the absence of volatile toxic chemicals	Accessories#
Contamination Control	BSL-126	527, 11W	Vertical Autoclave	Hirayama HG-133	For autoclaving clean items	\$220/run
Contamination Control	BSL-153	101-103, 15W	Biosafety Cabinet	Thermo 1300 Series Class II, Type A2	For the work of biosafety level 2 or below materials in the absence of volatile toxic chemicals	Accessories#
Contamination Control	BSL-154	101-103, 15W	Biosafety Cabinet	Thermo 1300 Series Class II, Type A2	For the work of biosafety level 2 or below materials in the absence of volatile toxic chemicals	Accessories#
Contamination Control	BSL-155	101-103, 15W	Biosafety Cabinet	Thermo 1300 Series Class II, Type A2	For the work of biosafety level 2 or below materials in the absence of volatile toxic chemicals	Accessories#
Contamination Control	BSL-156	101-103, 15W	Biosafety Cabinet	Thermo 1300 Series Class II, Type A2	For the work of biosafety level 2 or below materials in the absence of volatile toxic chemicals	Accessories#

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Contamination Control	BSL-168	101-103, 15W	Portable Autoclave	Hirayama HG-50	For autoclaving waste and contaminated materials	\$220/run
Contamination Control	BSL-169	101-103, 15W	Portable Autoclave	Hirayama HG-50	For autoclaving clean items	\$220/run
Contamination Control	BSL-175	101-103, 15W	Chemical Fumehood	Waldner Series chemical fumehood	--	Accessories#
Contamination Control	BSL-181	525A, 11W	Biosafety Cabinet	Nuair Labgard 437-600S Class 2	For the work of biosafety level 2 or below materials in the absence of volatile toxic chemicals	Accessories#
Contamination Control	BSL-182	525A, 11W	Biosafety Cabinet	Nuair Labgard 437-600S Class 2	For the work of biosafety level 2 or below materials in the absence of volatile toxic chemicals	Accessories#
Contamination Control	BSL-188	107A, 15W	Biosafety Cabinet	Thermo 1300 Series Class A2	--	Accessories#
Contamination Control	BSL-189	107A, 15W	Biosafety Cabinet	Thermo 1300 Series Class A2	--	Accessories#
Contamination Control	BSL-221	701, 17W (Pre-PCR Room)	Clean Bench PCR-Work Station (laminar-flow)	Esco-PCR-4A1	--	\$500/4 hours \$2500/week
Contamination Control	BSL-222	701, 17W (Pre-PCR Room)	Clean Bench PCR-Work Station (laminar-flow)	Esco-PCR-4A1	--	\$500/4 hours \$2500/week
Contamination Control	BSL-223	701, 17W (Post-PCR Room)	Clean Bench PCR-Work Station (laminar-flow)	Esco-PCR-4A1	--	\$500/4 hours \$2500/week
Contamination Control	BSL-224	701, 17W (Post-PCR Room)	Clean Bench PCR-Work Station (laminar-flow)	Esco-PCR-4A1	--	\$500/4 hours \$2500/week
Contamination Control	BSL-225	701, 17W (Post-PCR Room)	Clean Bench PCR-Work Station (laminar-flow)	Esco-PCR-4A1	--	\$500/4 hours \$2500/week
Contamination Control	BSL-240	Room A, 510B, 9W	Biosafety Cabinet	ESCO AC2-4S8-NS	--	Accessories#
Contamination Control	BSL-241	Room B, 510B, 9W	Biosafety Cabinet	ESCO AC2-4S8-NS	--	Accessories#
Contamination Control	BSL-242	Room C, 510B, 9W	Biosafety Cabinet	ESCO AC2-4S8-NS	--	Accessories#
Contamination Control	BSL-254	701, 17W (QC Station)	Chemical Fume hood	CHC Lab A-BY-1500	--	Accessories#
Flow Cytometry	LAP-019	101-103, 15W	Cell Sorter	BD FACSAria Fusion	5 lasers - 375, 405, 488, 561, 640 nm Up to 14 colors detection With class II Type A2 biosafety cabinet Supports 4-way sort, 96-well single cell sorting	\$600/hour (subject to extra labour charge)
Flow Cytometry	LAP-029	101-103, 15W	Clinical Flow Cytometer	BD FACSLytic	Three lasers (Violet, Blue & Red), 10-color detection Universal loader supports 30- or 40-tube racks	\$300/hour
Flow Cytometry	LAP-031	101-103, 15W	Flow Cytometer	Beckman Coulter Cytoflex	Three lasers (Violet, Blue & Red), 13-color detection Universal loader and plate loader supports 96-well sample loading	\$300/hour
Genomic Analysis	LAP-018-1	701, 17W (Sequencing Room)	Genetic Sequencer	Illumina NextSeq 500	High output: up to 120 Gb in 29 hrs (2 x 150 bp) Mid output: up to 39 Gb in 26 hrs (2 x 150 bp) > 75% bases higher than Q30 at 2 x 150 bp	\$3000/run (SR, 12 hrs) \$4200/run (MR, 20 hrs) \$5600/run (LR, 30 hrs)
Genomic Analysis	LAP-018-2	701, 17W (QC Station)	Bioanalyzer System	Agilent 2100 Bioanalyzer	Chip based system Minimal sample consumption (1-4 µL)	\$120/hour
Genomic Analysis	LAP-018-3	701, 17W (Pre-PCR Room)	Focused-ultrasonicator	Covaris M220	Generate fragment sizes between 150 and 5,000 bp	\$120/hour
Genomic Analysis	LAP-023	701, 17W (Sequencing Room)	Genetic Sequencer	Illumina MiSeq	Up to 15 Gb in 56hrs (2 x 300 bp) > 70% bases higher than Q30 at 2 x 300 bp	\$1000/run (SR, <6 hrs) \$1900/run (MR, <24 hrs) \$2700/run (LR, <48 hrs) \$3500/run (ULR, <72 hrs)
Genomic Analysis	LAP-025	701, 17W	Digital PCR	Bio-Rad QX200	Droplet based Up to 96 samples per run TaqMan Hydrolysis Probe and EvaGreen Assay	\$300/column
Genomic Analysis	LAP-038	701, 17W (Sequencing Room)	High throughput single cell partitioning system	10x Chromium X	Use advanced microfluidics to perform single cell partitioning and barcoding in a matter of minutes Recover 2,000-20,000 cells per channel, 65% cell capture rate, 0.4% doublet rate per 1,000 cell in HT kit	\$300/run
Genomic Analysis	LAP-039	701, 17W (Sequencing Room)	Optical Genome Mapping System	Bionano Saphyr	A genome imaging tool for high-speed, high-throughput, high-resolution structural variant detection and analysis 99% Sensitivity, 2% False Positive Rate, 1% Allele Fractions	\$1900/run (SR, <24 hrs) \$2700/run (MR, <48 hrs) \$3500/run (LR, <72 hrs)
Genomic Analysis	LAP-041	701, 17W (Sequencing Room)	Long Read Sequencer	Oxford Nanopore GridION	Sequence full length RNA or DNA Various library prep kits available: Direct, PCR, bar-coding	\$1900/run (SR, <24 hrs) \$2700/run (MR, <48 hrs) \$3500/run (LR, <72 hrs)
Imaging & Microscopy	BSL-096	510A, 9W	Stereomicroscope	Leica S4 E Stereozoom	Magnification of 6.3X to 30X	Accessories#
Imaging & Microscopy	BSL-100	510B, 9W	Fluorescence Inverted Microscope	Carl Zeiss Axio Observer A1	Image capture Filter cube for viewing DAPI, GFP and Cy3	Accessories#
Imaging & Microscopy	BSL-118	510B, 9W	Automated Cell Counter	Thermo Countess II FL	With fluorescence cube for DAPI, GFP and RFP channel	Accessories#
Imaging & Microscopy	BSL-128	510B, 9W	Cell Culture Microscope	Thermo EVOS XL Core	--	Accessories#
Imaging & Microscopy	BSL-149	101-103, 15W	Automated Cell Counter	Thermo Countess II FL	--	Accessories#
Imaging & Microscopy	BSL-150	101-103, 15W	Automated Cell Counter	Thermo Countess II FL	--	Accessories#
Imaging & Microscopy	BSL-164	101-103, 15W	Cell Culture Microscope	Nikon Ts2 Inverted Microscope	--	Accessories#

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Imaging & Microscopy	BSL-165	101-103, 15W	Cell Culture Microscope	Nikon Ts2-FL Inverted Microscope	Fitted with DAPI, FITC and TRITC filter cubes	Accessories#
Imaging & Microscopy	BSL-166	101-103, 15W	Gel Documentation System	Bio-Rad ChemiDoc MP	Chemiluminescent detection without film Three channel RGB excitation Two channel infrared (IR) direct detection	\$120/hour
Imaging & Microscopy	BSL-195	107A, 15W	EVOS Light Microscope	EVOS light microscope	--	Accessories#
Imaging & Microscopy	BSL-198	107A, 15W	Automated Cell Counter	Thermo Countess II FL	--	Accessories#
Imaging & Microscopy	BSL-237	510A, 9W	Gel Documentation System	Invitrogen iBright FL1500	--	\$120/hour
Imaging & Microscopy	LAP-003	510A, 9W	Fully Automated Inverted Fluorescence Microscope	Leica DMI6000 B (with CO2 incubator)	Supports bright field, phase contrast, DIC Available fluorescence filter: Red (Cy3), Green (FITC), Blue (DAPI), YFP, CFP SIM - produce confocal-like images Max. magnification: 1200X	\$60/hour
Imaging & Microscopy	LAP-004-1	701, 17W (Imaging Core)	Fully Automated Upright Fluorescence Microscope	Leica DM6000 B	Supports bright field, phase contrast, DIC Available fluorescence filter: Red (Cy3), Green (FITC), Blue (DAPI), YFP, CFP High resolution color camera Max. magnification: 1000X	\$60/hour
Imaging & Microscopy	LAP-004-2	701, 17W (Pre-PCR Room)	Inverted Fluorescence Microscope	Leica DMI3000 B (with perfusion system)	Supports bright field, DIC, IMC, IPH Available fluorescence filter: Red (Cy3), Green (FITC), Blue (DAPI)	\$60/hour
Imaging & Microscopy	LAP-021	510A, 9W	Cell Imaging Reader	BioTek Cytation 5	4 Fluorescence channels - DAPI, GFP, RFP, Cy5 Objectives - 4X, 10X, 20X Sample format - well plate, slide, petri dish, flask	\$60/hour
Imaging & Microscopy	LAP-022	701, 17W (Imaging Core)	Laser Scanning Confocal Microscope	Carl Zeiss LSM 880	2 PMT, 1 GaAsP, and 1 Airyscan detectors Confocal resolution down to 140 nm 6 laser lines - 405, 458, 488, 514, 561, 633 nm	\$360/hour
Imaging & Microscopy	LAP-024	510A, 9W	Confocal High Content Screening System	Molecular Devices ImageXpress Micro Confocal	Confocal imaging 5 fluorescence channels - DAPI, FITC, TRITC, Texas Red, Cy5 Objectives - 4X, 10X, 20X, 40X MetaXpress software analysis	\$300/hour
Imaging & Microscopy	LAP-032	701, 17W (Imaging Core)	Super resolution Laser Scanning Confocal Microscope	Leica Stellaris STED	Pulsed excitation light source from 485 nm to 685 nm Laser 405 DMOD for fluorescence imaging with dyes such as DAPI or Hoechst STED Laser: Visible Fiber Laser 775 nm	\$360/hour
Imaging & Microscopy	LAP-034	101-103, 15W	Confocal high content screening system	Leica Mica	Widefield, confocal, THUNDER, LIGHTNING, Z-stack and time-lapse imaging Excitation source: 365, 405, 470, 488, 555, 561, 625, 638 nm and brightfield Allows live cell imaging and hypoxia studies Automation and AI-supported analysis	\$300/hour
Imaging & Microscopy	LAP-035	107A, 15W	High Throughput Slide Scanning system	Carl Zeiss AxioScan 7	Highly automated and scans up to 100 slides	\$360/hour
Incubation	BSL-005	510B, 9W	Orbital Shaking Incubator	Thermo Forma 441	25-400 rpm, 10°C above ambient to 60°C	\$220/day
Incubation	BSL-109	510A, 9W	Thermal Mixer	Thermomixer C	With adapter for 1.5 mL tube and flat bottom plate	Accessories#
Incubation	BSL-121	Room B, 510B, 9W	Carbon Dioxide Incubator	Thermo HERA VIOS 160i	Can achieve hypoxia conditions	\$120/day
Incubation	BSL-122	Room C, 510B, 9W	Carbon Dioxide Incubator	Thermo HERA VIOS 160i	Can achieve hypoxia conditions	\$120/day
Incubation	BSL-124	510B, 9W	Water Bath	Thermo Precision 10L GP	--	Accessories#
Incubation	BSL-125	525A, 11W	Water Bath	Thermo Precision 10L GP	--	Accessories#
Incubation	BSL-130	510B, 9W	Bacterial Incubator	Thermo HERATHERM IGS60	Maintained at 37°C	Accessories#
Incubation	BSL-157	101-103, 15W	Carbon Dioxide Incubator	Thermo Heracell VIOS 160i	Can achieve hypoxia conditions	\$120/day
Incubation	BSL-158	101-103, 15W	Carbon Dioxide Incubator	Thermo Heracell VIOS 160i	Can achieve hypoxia conditions	\$120/day
Incubation	BSL-159	101-103, 15W	Carbon Dioxide Incubator	Thermo Heracell VIOS 160i	Can achieve hypoxia conditions	\$120/day
Incubation	BSL-160	101-103, 15W	Carbon Dioxide Incubator	Thermo Heracell VIOS 160i	Can achieve hypoxia conditions	\$120/day
Incubation	BSL-161	101-103, 15W	Water Bath	Thermo Precision 10L GP	--	Accessories#
Incubation	BSL-162	101-103, 15W	Water Bath	Thermo Precision 10L GP	--	Accessories#
Incubation	BSL-163	101-103, 15W	Water Bath	Thermo Precision 10L GP	--	Accessories#
Incubation	BSL-170	101-103, 15W	Convection Oven	Froilabo AP 120	--	Accessories#
Incubation	BSL-171	101-103, 15W	Convection Oven	Froilabo AP 120	--	Accessories#
Incubation	BSL-174	101-103, 15W	CO2 Resistant Shaker	Thermo MaxQ 2000 CO2 Plus	--	Accessories#
Incubation	BSL-179	527, 11W	Convection Oven	Froilabo AP 120	120 L, ambient +10°C to +250°C	Accessories#
Incubation	BSL-180	527, 11W	Convection Oven	Froilabo AP 120	120 L, ambient +10°C to +250°C	Accessories#
Incubation	BSL-183	101-103, 15W	Thermo mixer	HCM100-Pro LCD digital thermo mix	--	Accessories#
Incubation	BSL-190	Room A, 510B, 9W	Carbon Dioxide Incubator	Thermo Heracell VIOS 160i	--	\$120/day
Incubation	BSL-191	107A, 15W	Carbon Dioxide Incubator	Thermo Heracell VIOS 160i	--	\$120/day

Category	Equipment no.	Location	Equipment name	Model no.	Details	Pricing
Incubation	BSL-197	107A, 15W	Water Bath	Thermo Precision 10L GP	--	Accessories#
Incubation	BSL-199	701, 17W (QC Station)	Thermo Mixer	Eppendorf ThermoMixer C	--	Accessories#
Incubation	BSL-200	701, 17W (Pre-PCR Room)	Thermo Mixer	Eppendorf ThermoMixer C	--	Accessories#
Incubation	BSL-201	510A, 9W	Thermo Mixer	Eppendorf ThermoMixer C	--	Accessories#
Incubation	BSL-250	701, 17W (QC Station)	Stirring Hotplates	Thermo Scientific Cimarec+ Stirring Hotplates	--	Accessories#
Incubators & Bioreactors	LAP-006	510B, 9W	Incubator Shaker (with refrigeration)	New Brunswick Innova 40R	Temp range: 15°C below ambient to 80°C (min. 4°C) Speed range: 25-500 rpm Max. capacity: 6 x 5 L	\$100/day
Incubators & Bioreactors	LAP-013-3	510B, 9W	Shaking Carbon Dioxide Incubator	INFORS HT Multitron Pro	Temp. range: 20°C below ambient to 80°C Speed range: 20-400 rpm With direct steam humidification	\$100/day
Incubators & Bioreactors	LAP-026-1	525A, 11W	Bioreactor - Mammalian Culture	Sartorius Biostat B	Glass vessels or culture bag in rocker Temperature, pH, DO monitoring and control	\$600/day/vessel (subject to extra labour charge)
Incubators & Bioreactors	LAP-026-2	510B, 9W	Bioreactor - Microbial Culture	Sartorius Biostat B	Glass vessels Temperature, pH, DO monitoring and control	\$600/day/vessel (subject to extra labour charge)
Incubators & Bioreactors	LAP-030	510B, 9W	Refrigerated Shaking Incubator	New Brunswick Innova 42R	Temp range: 20°C below ambient to 80°C (min. 4°C) Speed range: 25-400 rpm	\$100/day
Miscellaneous	BSL-010	527, 11W	Ultrasonic Cleaner	Branson® 5510	--	Accessories#
Miscellaneous	BSL-011	510A, 9W	Ultrasonic Cleaner	Branson® 5510	--	Accessories#
Miscellaneous	BSL-013	527, 11W	Ultrasonic Cell Disruptor/Homogenizer	Branson Digital Sonifier® S-450D	For cell disruption and homogenization	Accessories#
Miscellaneous	BSL-028	527, 11W	Hot Plate with Stirrer	Cimarec® SP 131320-33	--	Accessories#
Miscellaneous	BSL-030	527, 11W	Hot Plate with Stirrer	Cimarec® SP 131320-33	--	Accessories#
Miscellaneous	BSL-031	527, 11W	Hot Plate with Stirrer	Cimarec® SP 131320-33	--	Accessories#
Miscellaneous	BSL-032	527, 11W	Dri-block Heater	Barnstead International Microprocessor control 2000	20 wells for 1.5 mL tube	Accessories#
Miscellaneous	BSL-033	510A, 9W	Dri-block Heater	Barnstead International Microprocessor control 2000	20 wells for 1.5 mL tube	Accessories#
Miscellaneous	BSL-035	510B, 9W	Vortex Mixer	Thermo Scientific Maxi Mix® II M37610-33	--	Accessories#
Miscellaneous	BSL-038	510A, 9W	Vortex Mixer	Thermo Scientific Maxi Mix® II	--	Accessories#
Miscellaneous	BSL-054	510A, 9W	Nitrogen Evaporator	Organomation N-EVAP 112	24 holders for 50 mL tubes	\$60/4 hours
Miscellaneous	BSL-060	510A, 9W	Rocker	Labquake 415220	--	Accessories#
Miscellaneous	BSL-061	527, 11W	Ultrasonic Cleaner	Crest 275DGA	--	Accessories#
Miscellaneous	BSL-062	527, 11W	Vortex Mixer	Labquake SI-T246	--	Accessories#
Miscellaneous	BSL-066	527, 11W	Power Supply for SDS-PAGE	Amersham Biosciences	--	Accessories#
Miscellaneous	BSL-067	527, 11W	Power Supply for SDS-PAGE	Amersham Biosciences	--	Accessories#
Miscellaneous	BSL-089	510A, 9W	Electroporator	Harvard Apparatus BTX ECM 830	Voltage range: 5-3000 V Pulse duration: 10 µs to 10 s *requires cuvette	Accessories#
Miscellaneous	BSL-091	510A, 9W	Vertical Diffusion Cell System	Hanson 6-cell manual test system (58-6M)	With manual sampling syringe, circulating waterbath and jacketed media replace beaker	Accessories#
Miscellaneous	BSL-097	510A, 9W	Micro-injection System	Eppendorf TransferMan NK2 and FemtoJet	Integrated coarse and fine manipulator control via joystick Injection volume from femtoliters to microliters	Accessories#
Miscellaneous	BSL-098	510A, 9W	Micropipette Puller and Microforge	Narishige PC-10 micropipette puller and MF-900 microforge	Micropipette puller - single/double pull mode Microforge - separate rotation for vertical and horizontal movement, foot switch for heater ON/OFF	Accessories#
Miscellaneous	BSL-108	510A, 9W	Water Purification System	Pall Cascada I	Provides 18.2 MΩ.cm type I water	Accessories#
Miscellaneous	BSL-114	510A, 9W	Analytical Balance	Sartorius SECURA225D-1S	0-120 g, readability 0.01 mg	Accessories#
Miscellaneous	BSL-115	510A, 9W	Analytical Balance	Sartorius ENTRIS5201-1S	0-5,200 g, readability 0.1 g	Accessories#
Miscellaneous	BSL-116	527, 11W	Analytical Balance	Sartorius SECURA225D-1S	0-120 g, readability 0.01 mg	Accessories#
Miscellaneous	BSL-117	527, 11W	Analytical Balance	Sartorius ENTRIS5201-1S	0-5,200 g, readability 0.1 g	Accessories#
Miscellaneous	BSL-127	525B, 11W	Freeze Dryer	Labconco FreeZone Plus (-84° C) 4.5 Liter	--	\$220/day
Miscellaneous	BSL-129	527, 11W	Ice Maker	HOSHIZAKI FM-150KE	--	Accessories#
Miscellaneous	BSL-167	101-103, 15W	Ice Maker	Hoshizaki FM-150KE	--	Accessories#

Category	Equipment no.	Location	Equipment name	Model no.	Details	Pricing
Miscellaneous	BSL-172	510A, 9W	Water purification system	MilliQ Reference A+	--	Accessories#
Miscellaneous	BSL-173	101-103, 15W	Water Purification System	MilliQ Reference A+	Provides 18.2 MQ.cm water	Accessories#
Miscellaneous	BSL-185	701, 17W (Laundry Room)	Washing Machine	Whirlpool FSCR10432	--	\$60/hour
Miscellaneous	BSL-186	701, 17W (Laundry Room)	Laundry Dryer	Whirlpool HSCX90424	--	\$60/hour
Miscellaneous	BSL-187	527, 11W	Rotary Evaporation System	Heidolph Hei-VAP Expert	With Chilling condenser	\$60/hour
Miscellaneous	BSL-227	701, 17W (QC Station)	Concentrator	Eppendorf Concentrator Plus	--	Accessories#
Miscellaneous	BSL-228	510A, 9W	Concentrator	Eppendorf Concentrator Plus	--	Accessories#
Miscellaneous	BSL-236	510A, 9W	Microplate Washer	Tecan Hydroflex	--	Accessories#
Miscellaneous	BSL-243	701, 17W (QC Station)	Analytical Balance	Sartorius BCE5201I- 1S	0-5200 g, repeatability 0.1 g	Accessories#
Miscellaneous	BSL-244	701, 17W (QC Station)	Analytical Balance	Sartorius Secura 225D-1S	0-120 g, repeatability 0.01 mg	Accessories#
Miscellaneous	BSL-245	701, 17W (Pre-PCR Room)	Ice Maker	Biobase Flake Ice Maker	--	Accessories#
Miscellaneous	BSL-246	701, 17W (QC Station)	Ice Maker	Biobase Flake Ice Maker	--	Accessories#
Miscellaneous	BSL-247	701, 17W (QC Station)	Lab Water Purification System	ELGA LabWater PURELAB	--	Accessories#
Miscellaneous	BSL-251	701, 17W (QC Station)	pH Meter	Sartorius PB-30L pH Meter	--	Accessories#
Miscellaneous	BSL-253	527, 11W	Laboratory Glassware Washer	Steelco LAB500 DRS	--	Accessories#
Sample Processing	LAP-015	510A, 9W	Preparative Membrane Ultrafiltration System	Sartorius SartoFlow Advanced	Filter area: 0.1-0.5 m ² , 0.7-2.1 m ² With 10 L double jacket tank with sight glass	\$60/hour
Sample Processing	LAP-033	708-716, 17W (Extraction Room)	Automated DNA extraction System	QIAcube Connect	Automates over 80 QIAGEN spin column kits with over 140 standard protocols for DNA, RNA and protein sample processing	\$100/run
Sample Processing	LAP-037	525B, 11W	Preparative Freeze-drying System	Labfreez FD-100-F-R	Freeze dries sample with 1-2 cm thickness in less than 48 hours Tray height 70 mm Shelf temperature range -50°C - 70°C ±1°C	\$500/day