

Scientific Equipment & Other Assets		Updated August 2022
Analytical	Model	Manufacturer
Bioanalyzer	2100C	Agilent
Bioanalyzer/CPS	CPS	Agilent
Bioanalyzer/Vortexer	MS3	IKA
Imaging System	Biospectrum 500	UVP
Imaging System	LMS-26E, 3DR	UVP
Real Time PCR System	ABI 7500	Applied Biosystems
Real Time PCR System	CFX Connect (Standard 96 well)	BioRad
Spectrophotometer, NanoVue Plus	Nanovue Plus	GE (VWR Scientific)
Spectrophotometer, SpectraMax	SpectraMax M5	Molecular Devices
Spectrophotometer, Genesys	Genesys 150	Thermo Scientific
Transilluminator, White/UV	TMW-20	Alpha Innotech
HPLC-UV, Analytical Scale	Vanquish	Thermo Scientific (Dionex)
FTIR (Infrared Spectrometer)	iS20	Thermo Scientific (Nicolet)
Nanoparticle Analyzer	NanoSight NS300	Malvern
Centrifuges	Model	Manufacturer
Centrifuge, Benchtop	5415C	Eppendorf
Centrifuge, Benchtop Refrigerated	5417R	Eppendorf
Centrifuge, Benchtop Refrigerated	Allegra 6R	Beckman Coulter
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Centrifuge, Benchtop	BioFuge 15	Baxter
Centrifuge, Ultra, Floor Model	Optima XPN 100-IVD	Beckman Coulter
Centrifuge, Floor Model	Avanti J-30i	Beckman Coulter
Centrifuge, Floor Model	Avanti JXN 26	Beckman Coulter
Centrifuge, Benchtop Refrigerated	Legend Micro 21	Thermo Fisher
Centrifuge, Benchtop Refrigerated	Avanti J 15R	Beckman Coulter
Rotors	Model	Manufacturer
Fixed angle, 50mL x 6	JA-14.50	Beckman Coulter
Fixed angle, 50mL x 8	JA-25.50	Beckman Coulter
Fixed angle, 250mL x 6	JLA-16.250	Beckman Coulter
Fixed angle, 1000mL x 4	JLA-9.1000	Beckman Coulter
Fixed angle, 500mL x 6	JLA-10.500	Beckman Coulter
Swinging bucket, microplate x 2	JS-5.9	Beckman Coulter
Swinging bucket, 38.5mL x 6	SW-32Ti	Beckman Coulter
Fixed angle, 25mL x 8	TY-70Ti	Beckman Coulter
Fixed angle, 13mL x 8	Type 100 Ti	Beckman Coulter
Fixed angle, 10mL x 8	Type JA.21	Beckman Coulter
Fixed angle, 38.5mL x 8	Type 60Ti	Beckman Coulter
Swinging bucket, 5mL x 6	SW-50.1	Beckman Coulter
Swinging bucket, 38.5mL x 6	SW-28	Beckman Coulter
Fixed angle, 1.8mL x 24	JA-18.1	Beckman Coulter
Microscopes & Cameras	Model	Manufacturer

Microscope, Light, Inverted, Trinocular	Labovert FS	Leitz (w/ Leitz power unit)
Microscope, Light, Inverted	CK-2	Olympus
Microscope, Fluorescent, Inverted	EVOS FL, with optics	Life Technologies (EVOS)
Color camera	XC-10	Olympus
Microscope, Fluorescent, Inverted	INV Fluorescence	VWR International
Microscope, stereo zoom, binocular	GZ6	Leica
Microscope, metallurgical	Examet-5	Unitron
Microscope, Camera	Excelis-5	Unitron
Microscope, Compound w/Phase Contrast	PrimoStar 3, Axiocam 208 Camera	Zeiss
Balances & Scales	Model	Manufacturer
Semi-Micro Balance	XSR105	Mettler Toledo
Analytical Balance	PB303-S FACT	Mettler Toledo
Analytical Balance	SI-2002	Denver Instruments
Precision Balance	MSE 12201S00	Sartorius
Precision Balance	Quintix6101-1S	Sartorius
Drying/Condensing	Model	Manufacturer
Concentrator (For acids)	CentriVap, acid resistant	LabConCo
Concentrator (Non-acids)	CentriVap	LabConCo
Tray dryer module	79480	LabConCo
Freeze Dryer, Floor unit	Freezone 12L	LabConCo
Freezers	Model	Manufacturer
-20°C	IUF 1816	Puffer Hubbard
Ultra Low Temperature (-80°C) (F #1)	MDF-DU702VH-PA	PHCBI
Ultra Low Temperature (-80°C) (F #2)	MDF-DU702VH-PA	PHCBI
Ultra Low Temperature (-80°C) (F #3)	MDF-DU702VH-PA	PHCBI
Ultra Low Temperature (-80°C) (F #4)	MDF-DU702VH-PA	PHCBI
Ultra Low Temperature (-80°C) (F #6)	MDF-DU702VH-PA	PHCBI
Ultra Low Temperature (-80°C)	Model 5606	Thermo Fisher/VWR
Ultra Low Temperature (-80°C)	Model 8606	Thermo Forma
Ultra Low Temperature (-80°C)	Model 5606	Thermo Forma
Ultra Low Temperature (-80°C)	Model 8606	Thermo Forma
Ultra Low Temperature (-80°C) (F #5)	TSU500D	Thermo Scientific
Ultra Low Temperature (-80°C) (F #7)	TSX50086A	Thermo Scientific
Ice Machine	EMF 800	Ice-O-Matic
Incubators & Ovens	Model	Manufacturer
CO2 Incubator	MCO-170ACL-PA	PHCBI
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CO2 Incubator	FORMA 3110	Thermo Scientific
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CO2 Incubator	Series II, model 3530	Thermo Scientific
CO2 Incubator	Isotemp 3110	Fisher Scientific
Incubator, Dry Block	Multi-Blok Thermo	Thermo Scientific
Incubator, Dry Block	Thermal Lok	USA Scientific

Incubator, Dry Block	Multi-Blok	Barnstead Lab Line
Incubator/Shaker, Floor	C-25 Classic	New Brunswick Scientific
Incubator/Shaker	C-25 Classic	New Brunswick Scientific
Incubator/Shaker	Innova 4000	New Brunswick Scientific
Incubator/Shaker	Max Q 4000	Thermo Fisher
Incubator/Shaker	Max Q 4000	Thermo Fisher
Incubator/Shaker, Floor	MaxQ 5000	Thermo Scientific
Incubator/Shaker	SHKE-6000-7PROMO	Thermo
Incubator/Shaker, Floor	Innova 4330	New Brunswick Scientific
Oven	OGS-100	Thermo Fisher
Oven, Gravity	Gravity 100L	VWR
Oven, Gravity	Gravity 100L	Thermo
Oven, Hybridization (Rotisserie)	IsoTemp	Fisher Scientific
Oven, Microwave	NN-7409	Panasonic
Oven, Vacuum	3618	Thermo
Agitators	Model	Manufacturer
Vortex-Genie 2	Vortex-Genie 2 vortexer	Scientific Industries
Vortexer	Roto-vortexer S56	Fisher Scientific
Shaker	97109-890	VWR
Rocker Platform	7740-10010	Bellco
Stirrer	IsoTemp	Fisher Scientific
Stirrer/hot plate	IsoTemp	Fisher Scientific
Hotplate and magnetic stirrer	12365-478	VWR
Sonicator, Digital	450	Branson
Sonicator Probe	102C(CE)	Branson
Specialized Scientific Equipment	Model	Manufacturer
Thermal Cycler	T100	BioRad
Thermal Cycler	iCycler	BioRad
Meter, Conductivity	Seven Sigma, S-7000 Kit	Mettler-Toledo
Meter, Conductivity	731-ISM	Mettler-Toledo
pH Meter with electrode	Accumet AB-15	Fisher Scientific
Osmometer, Freezing Point	Osmette III	Precision Systems
Electroporator	Gene-Pulser II	Bio-Rad
Ultrasonic Cleaner	Model 550	VWR
Gel Dryer	Model 583	Bio-Rad
Retracting Microtome	Rotary One	LKB Bromma
Histo Knife Maker	2078	LKB Bromma
Radioisotope detector	Surveyor 50	Bicron
Sterilizing & Equipment Washing/Drying	Model	Manufacturer
Autoclave, Large, Wall Model	Century medium	Steris (with loading rack)
Autoclave, Medium, Floor Model	LAB 250	Steris
Autoclave, Small Sterilizer, Benchtop	3850E-B/L	Tuttnauer
Autoclave, Small Sterilizer, Benchtop	3850EP	Tuttnauer
Sterilizer	Germinator 500	EMS

Glassware Washer	Flask Scrubber	LabConCo
Water Systems	Model	Manufacturer
Steam Generator	Portable Boiler RH-80R	Reimers
Water Purification System (Lab grade)	PureLab Ultra	Elga
Water Softening System	Type III Reverse osmosis	Culligan
Water filter Type III		Culligan
Water Bath	Isotemp 10 L	Fisher Sci
Water Bath	220A	Napco
Water bath, chilling part 2	Lindberg Blue M RWB3220A-1	Thermo
Water bath	Lindberg Blue M RWB3220A-1	Thermo
Water bath, ultrasonic cleaner	Symphony 5.7L	VWR
Water Deionizing System		Evoqua
Other Equipment	Model	Manufacturer
Biosafety Cabinets (Class II/Type A)	Purifier Logic Plus	LabConCo
Chemical Fume Hoods	Various	Kewaunee Scientific Corp
Hydraulic Lift - Barrel Jack	Presto M252	Lab Engineering
Hydraulic Lift - Hand Pallet Truck	3W094B	Dayton
Stair ladder, Wheeled	SW1605	Louisville Ladder
Utility Cart, General Purpose	N/A	Rubbermaid
Software	Model	Manufacturer
7500 SDS (Real Time PCR)	Ver. 2.0.5	Applied Biosystems
Primer Express		Applied Biosystems
GeneQuant		Nanovue
Visionworks	Ver. LS	UVP - BioSpectrum System
Soft Max Pro	Ver. 6	Molecular Devices
Zen Blue Lite		Zeiss
Maestro		BioRad
Chromeleon CDS		Thermo Sci