

## BioLabs San Diego – Laboratory Equipment List (Condensed)



Category	Description
-20 Freezer	Various (Including Under-Counter)
-20 Freezer - Explosion Proof	Fisher Scientific Explosion-Proof
4C Refrigerator - Deli	Various (Including Under-Counter)
4C Refrigerator - Pharmaceutical	Panasonic Pharmaceutical Refrigerator
-80 Freezer	Eppendorf Cryocube F570
Balance	Harvard Trip Balance
Balance	Mettler Toledo Analytical Balance
Benchtop Orbital Shaker	VWR Advanced Digital Shaker
BSC	Various
Cell Counter	Various (Countess II FL Automated Cell Counter, Luna II Automated Cell Counter, etc)
Centrifuge	Eppendorf 5424 Centrifuge
Centrifuge	Eppendorf 5430 Centrifuge
Centrifuge	Eppendorf 5810R Centrifuge
Centrifuge	Eppendorf 5417C Centrifuge
Centrifuge	Eppendorf 5702R 15/50 Centrifuge
Centrifuge - Micro	Eppendorf 5424 and 5424R Microcentrifuges
Electroporator	Neon Transfection System and Eppendorf Eporator
Electrochemiluminescence Immunoassays	MESO QuickPlex SQ 120 (MSD Reader)
Flow Cytometer	Attune NxT
Fluidics Machine	YSI2950 Fluidics Machine
Fluorometer	Qubit
Heatblock	Various (Eppendorf Thermomixer R, Fisher Isotemp 125D Heatblock, etc)
Homogenizer	Powergen 125
Hot Plate	Fisher Scientific Isotemp Hot Plate/Stirrer
HPLC	Agilent HPLC 1100
Hybridization Oven	Affymetrix GeneChip Hybridization Oven and Robbins Scientific Hybridization Incubator
Imager - Agarose Gels	E-Gel Camera Hood
Imager - Agarose Gels	E-Gel iBase
Imager - Agarose Gels	E-Gel Imager

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Imager - Agarose Gels	Mother and Daughter eBase
Imager - Gels and Blots	iBright Imager
Incubator - CO2	Thermo Electron CO2 Incubator
Incubator - CO2	Forma Direct Heat and Water Jacketed CO2 Incubators
Incubator - CO2	Series II Thermo Forma Series II Incubator
Incubator - CO2	Thermo Direct Heat CO2 Incubator
Incubator - Shaking	Innova 44 and 44R Shaker Incubator
Incubator - Shaking	Thermo Incubator Shaker
Incubator - Shaking	Thermo Scientific MaxQ 4000 Incubator Shaker
LN2 Dewar	Various
Microscope	Olympus SZX12 Microscope
Microscope	StereoMaster microscope
Microscope	VistaVision Dissecting Microscope
Microscope	VistaVision Upright Microscope for slides & plates
Microscope	Zeiss - Axioskop Inverted Microscope MC80
Microscope - Fluorescence	Logos Fluorescence Microscope and EVOS FL Cell Imaging System
Microscope - Inverted (for tissue culture)	Labomed Microscope TCM 400
Microscope - Inverted (for tissue culture)	Nikon TMS Inverted Microscope
Microscope - Inverted (for tissue culture)	VistaVision Inverted TC Microscope
Microwave	Sharp Microwave
Mixer	Labnet GyroMini Nutating Mixer
Moisture Analyzer	Mettler Toledo HB43-S Halogen Moisture Analyzer
Next-generation Sequencer	Ion Torrent - Ion Chef System and Ion S5 Semiconductor Sequencer
PAGE Gel Apparatus	Cell 4 Surelock
PAGE Gel Apparatus	Invitrogen Mini PAGE Gel Tank
PCR Machine	Various (Eppendorf VapoProtect Mastercycler, MJ Research PTC-200, PTC-225, etc)
PCR Workstation	Air Clean 600, PCR Workstation
pH Meter	Accumet Research pH meter
Pipet Gun	Thermo Scientific Serological Pipet Gun

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Category	Description
Pipette	Various Multi-Channel and Single-Channel
Pipette Aid	Various
Plate Reader - Absorbance	SpectraMax PLUS 384
Plate Reader - Fluorescence	SpectraMax Gemini XS
Plate Reader - Luminometer	LMax II384
Plate Washer	Bio-Tek Plate Washer
Pump	Harvard Syringe Pump
Real-Time PCR System	Quant Studio 6 Plus RTqPCR
Refrigerator - Growing	Norlake Growing Fridge
Rocker	Bellco Rocker Platform
Rotary Vane Vacuum Pump	Vacuum Pump
Shaker	Titer Plate shaker
Sonicator Bath	Branson Bath
Spectrophotometer - UV/Vis	Eppendorf Biophotometer Plus
Spectrophotometer/Fluorometer	Denovix DS-11 FX+ Spectrophotometer/Fluorometer
Sterilizer	Benchmark Scientific BactiZapper
UV Crosslinker	Hoefer UVC 500 Crosslinker
UV/White Light Transilluminator	Bi-O-Vision UV/White Light Transilluminator
Vortex Mixer	Fisher Scientific Vortex Mixer
Water Bath	Fisher Scientific Isotemp 105 water bath
Water Purifier	Milli-Q Water Purifier
Western Blot Incubations/Washer	iBind
Western Blot Incubations/Washer	iBind Flex
Western Blot Transfer System - Dry	iBlot 2