Green Lab Product Database

Note: NIH does not endorse any product, company or information shared here.

Safer Chemical Alternatives	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
Ethidium bromide	GreenGlo Safe DNA Dye	SYBR Safe DNA Gel Stain	Precast Ethidium bromide gels -			
			reduces potential dye exposure			
Xylene	Histo-Clear					
Comassie Blue Stain- Methanol	SimplyBlue SafeStain - no methanol needed					
Mercury Therometer	Enviro-Safe Thermometers - liquid-in-glass					
	thermometers without mercury					
Phenol/Trizol	TaqMan miRNA ABC Purificattion Kit -					
	eliminates the use of phenol					
Energy and Space Savings						
Ultra low temperature (ULT)	Stirling SU780XLE ULT Freezer - does not		Panasonic Dual-Compressor ULT			
Freezers	use a compressor, which means less failure	Freezers	Freezers - able to run on a single			
	points		compressor in case of failure, which			
			saves samples and makes repairs less			
			time-sensitive			
Computers	Dell Energy Star Monitors	Dell Ultrasharp U2419HC				
		Monitor - Arsenic-free,				
10.17	The File Date of the control of the	Mercury-free panel	D : DG II G : I :	Design 1 Years 1	F1 - 25007F	
Mini Lab Items and Equipment -	Thermo Fisher E-gel Precast Gel System -	Thermo Fisher Nanodrop One	Denovix DS-11 Spectrophotometer	Protein Simple Jess Automated	Thermo Fisher 3500XL	
saves space, energy, reagents, etc.	small electrophoresis system for benchtop use	C Microvolume UV/Vis Spectrophotometer		Western Blot System	Genetic Analyzer for DNA	
D' H. T' D. CH C	Rainin Refill Racks - boxes that can be	Spectrophotometer			Sequencing	
Pipette Tip Refill Systems - save space and use less plastic	refilled and reused					
Traditional Office Printer	Epson Ecotank Printer- cartridge-free					
Traditional Office Trinter	printing					
Tissue Culture Media Storage -	Thermo Fisher Tissue Culture Media -					
alternatives to storing at 4°C	room temperature storage					
Microscopes - Halogen bulb	Thermo Fisher EVOS LED Microscope					
alternatives	Bulbs					
Water Baths	Labconco Lab Armor Beads to reduce					
	water usage					
RT-PCR	Thermo Fisher ViiA 7 Real-Time PCR					
	System - saves time, reagents and energy					
Lab and Freezer	Saves time and energy while looking for					
Inventory/Database	samples or items within a freezer					
Reuse	samples of items within a freezer					
Solvents - available via the NIH	Xylene	Methanol	Formalin	Ethanol	Histo-Clear	
Solvent Recovery Program	Aylene	Wethanor	Tormain	Linanor	Tristo-Cicar	
Conical Tube Racks	Plastic Racks - can be reused, unlike					
1001100	Styrofoam					
Miscellaneous items - available	Lab equipment, office furniture, appliances,	Unused and unexpired	Subscribe to the Lab Managers	NIH Surplus offers decent	Encourage vendors to offer	
via the NIH Free Stuff	etc.	chemicals	Listserv to stay informed of	equipment to other NIH labs,	old items as a refurbished	
			available items. Also, IC property	government agencies, schools,	model or to donate them to	
			managers can notify their IC staff of	universities, and non-profit	schools, universities, and	
			available equipment and supplies,	organizations	non-profit organizations	
			especially when a lab closes			
Shipping Materials	Styrofoam inserts and cardboard boxes can	Soft plastic packing bubbles	Ziploc bags used to hold lab supplies	Ice bricks and blue ice packets -		
1. 5	be used in the lab for shipments, moving, or	and packing paper	(all sizes)	can be frozen and reused as		
	storage (e.g. copier paper boxes with lids)			needed		
Recycle						
Solid Waste	Soft plastic film	Pipette tip boxes	Uncontaminated paper	Reuse plastic containers		
	-				1	•

Paper Waste Use scrap paper for planning, to do lists, temporary signs, and calculations Add a paper and cardboard recycling bin in the lab TemperPack Insulation - recyclable and Styrofoam-free Styrofoam recycling Offers methods to return Styrofoam to shippers for reuse Digital Imaging Switching from Dark Room Photography to Digital Imaging Lab Notebook Alternatives Products from environmentally-friendly Soaps Stone Notebooks from the NIH Self from Lab Cleaner and HDPE plastic Cleaning Supplies Environmentally-friendly Soaps Purchase Gojo Multi Green Hand Cleaner Purchase Gojo Multi Green Hand Cleaner Purchase Gojo Multi Green Hand Cleaner Purchase Fore recycling bin in the lab Add a paper and cardboard recycling in the lab Life Technologies Life Technologies Life Technologies ClemiDoc MP Imaging System from Biorad System from Bojetal Imaging From Systems from Bojetal Imaging System from Bojetal Imaging From Bojetal Imaging System from Bojetal Imaging From Boje						
temporary signs, and calculations recycling bin in the lab TemperPack Insulation - recyclable and Styrofoam-free Styrofoam recycling Offers methods to return Styrofoam to shippers for reuse Digital Imaging Swetiching from Dark Room Photography to Digital Imaging Busiciences Digital Imaging System from LiCOR Biosciences Digital Imaging System from Dark Room Photography to Digital Imaging Biosciences Digital Imaging System from LiCOR Biosciences Digital Imaging System from Digital Imaging System from LiCOR Biosciences Digital Imaging System from Digital Imaging System from Digital Imaging From Azure Biosystems Digital Imaging System from Fisher Digital Imaging System from Fisher Digital Imaging System from Biosciences Digital Imaging From Azure Biosystems Digital Imaging System from Biosciences Digital Imaging System from Digital Imaging From Systems from Bioscand Syngene CERF electronic notebooks from Lab Ally, Inc. Digital Imaging System from Biosciences Digital Imaging System from Biosciences Digital Imaging System from LiCOR Biosystems Digital Imaging System from LiCOR Biosystems Digital Imaging System from Digital Imaging from Systems from Bioscand Syngene Digital Imaging From Bioscand Digital Imaging From Azure Biosystems from Bioscand Syngene Digital Imaging From Bioscand Digital Imaging From Azure Biosystems from Bioscand Digital Imaging From Azure Biosciences Digital Imaging System from LiCOR Digital Imaging System from Digital Imaging from Azure Biosciences Digital Imaging System from Digital Imaging From Azure Biosciences Digital Imaging System from Digital Imaging System from Digital Imaging System from Digital Imaging From Azure Biosciences Digital Imaging System from Digital Imaging From Azure Biosciences Digital Imaging System from Digital Imaging From Azure Biosciences Digital Imaging System from Digital Imaging From Azur	Chemical Waste	Empty chemical bottles	Batteries			
Styrofoam recycling Offers methods to return Styrofoam to shippers for reuse Digital Imaging Switching from Dark Room Photography to Digital Imaging Lab Netbook Alternatives Products from environmentally-friendly items to digital notebooks from natural calcium carbonate, limestone and HDPE plastic Cleaning Supplies Environmentally-friendly Soaps and Other Cleaning Supplies Province of the NIH Self-Service Store Styrofoam recycling New England Biolabs Thermo Fisher Sigma Life Technologies Sigma Life Technologies Life Technologies Life Technologies Sigma Life Technologies Life Technologies Sigma Life Technologies Life Technologies Sigma Life Technologies Supplies System from ChemiDoc MP Imaging System from Boi-Rad Syngene Systems from Bio-Rad Syngene Systems from Bio-Rad Syngene Life Technologies Life Technologies Life Technologies Life Technologies Sigma Life Technologies System from ChemiDoc MP Imaging System from Boi-Rad Syngene Systems from Bio-Rad Syngene Life Technologies System from EchemiDoc MP Imaging System from Boi-Rad Syngene Systems from Bio-Rad Syngene Life Technologies System from EchemiDoc MP Imaging System from Boi-Rad Syngene Life Technologies System from EchemiDoc MP Imaging System from Boi-Rad Syngene Life Technologies System from EchemiDoc MP Imaging System from Boi-Rad Syngene Life Technologies System from Boi-Rad Syngene Life Technologies System from EchemiDoc MP Imaging System from Look Syngene Life Technologies Life Technologies System from EchemiDoc MP Imaging System from EchemiDoc MP Imaging System from L	Paper Waste					
Offers methods to return Styrofoam to shippers for reuse Digital Imaging Switching from Dark Room Photography to Digital Imaging Lab Notebook Alternatives Products from environmentally-friendly Stongs and HDPE plastic Cleaning Supplies Environmentally-friendly Soaps and Other Cleaning Supplies Proxigant of Sigma Life Technologies Digital Imaging System from System from System from System from Echenologies Life Technologies Digital Imaging From System from System from Echenologies Life Technologies Life Technologies Life Technologies Life Technologies Life Technologies Life Technologies Digital Imaging From System from Echenologies Light Imaging From System from Echenologies Lab Archives electronic notebook during lectures, meetings, and brainstorming sessions instead of paper Light Imaging From System from Echenologies Lab Archives electronic notebook during lectures, meetings, and brainstorming sessions instead of paper Light Imaging From System from Echenologies Light Imaging From Syste	Shipping materials	•				
Styrofoam to shippers for reuse Digital Imaging Swtiching from Dark Room Photography to Digital Imaging Photography to Digital Imaging Lab Notebook Alternatives Products from environmentally-friendly items to digital notebooks and HDPE plastic Cleaning Supplies Environmentally-friendly Soaps and Other Cleaning Supplies Purchase Gojo Multi Green Hand Cleaner and Other Cleaning Supplies Digital Imaging from Azure Bisright Imaging System from Dark Room Photography to Digital Imaging System from Digital Imaging System from Azure Bisright Imaging System from Dark Room Photography to Digital Imaging System from Dark Room Photography to Digital Imaging System from Dark Room Photography to Digital Imaging System from Dark Room Photography Imaging System From Dark Room Photog	Styrofoam recycling					
Swtiching from Dark Room Photography to Digital Imaging Photography to Digital Imaging Products from environmentally- friendly items to digital notebooks and HDPE plastic Cleaning Supplies Environmentally- from the NIH Self-Service Store Purchase Gojo Multi Green Hand Cleaner and Other Cleaning Supplies Odyssey Imaging System from LiCOR Biosystems Digital Imaging from Azure Biosystems Ibright Imaging System from Thermo Fisher Use a laptop or tablet to take notes during lectures, meetings, and brainstorming sessions instead of paper Cleaning Supplies Purchase Gojo Multi Green Hand Cleaner from the NIH Self-Service Store Purchase paper towels that are made from recycled materials Peroxigard cleaner and disinfectant - decomposes into oxygen and water,	Offers methods to return Styrofoam to shippers for reuse	New England Biolabs	Thermo Fisher	Sigma	Life Technologies	
Photography to Digital Imaging Biosciences Biosystems Thermo Fisher Systems from Bio-Rad Syngene Lab Notebook Alternatives Products from environmentally- friendly items to digital notebooks Service Store - completely tree-free, made from natural calcium carbonate, limestone and HDPE plastic Cleaning Supplies Environmentally-friendly Soaps and Other Cleaning Supplies Purchase Gojo Multi Green Hand Cleaner from the NIH Self-Service Store Biosystems Thermo Fisher Systems from Bio-Rad Syngene LabArchives electronic notebooks during lectures, meetings, and brainstorming sessions instead of paper Cleaning Supplies Purchase Gojo Multi Green Hand Cleaner from the NIH Self-Service Store Purchase paper towels that are made from recycled materials Algorithm of the NIH Self-Service Store from Bio-Rad Systems from Bio-Rad Syngene LabArchives electronic notebooks during lectures, meetings, and brainstorming sessions instead of paper Peroxigard cleaner and disinfectant decomposes into oxygen and water,	Digital Imaging					
Products from environmentally- friendly items to digital notebooks from natural calcium carbonate, limestone and HDPE plastic CERF electronic notebooks from Lab Ally, Inc. Use a laptop or tablet to take notes during lectures, meetings, and brainstorming sessions instead of paper Cleaning Supplies Environmentally-friendly Soaps and Other Cleaning Supplies Purchase Gojo Multi Green Hand Cleaner from the NIH Self-Service Store Purchase paper towels that are made from recycled materials Peroxigard cleaner and disinfectant - decomposes into oxygen and water,	Swtiching from Dark Room Photography to Digital Imaging				5 5	
friendly items to digital notebooks Service Store - completely tree-free, made from natural calcium carbonate, limestone and HDPE plastic from Lab Ally, Inc. during lectures, meetings, and brainstorming sessions instead of paper	Lab Notebook Alternatives					
Environmentally-friendly Soaps and Other Cleaning Supplies Purchase Gojo Multi Green Hand Cleaner from the NIH Self-Service Store Purchase paper towels that are made from recycled materials decomposes into oxygen and water,	Products from environmentally- friendly items to digital notebooks	Service Store - completely tree-free, made from natural calcium carbonate, limestone		during lectures, meetings, and brainstorming sessions instead of		
and Other Cleaning Supplies from the NIH Self-Service Store made from recycled materials decomposes into oxygen and water,	Cleaning Supplies					
	Environmentally-friendly Soaps and Other Cleaning Supplies		made from recycled materials	decomposes into oxygen and water,		