

Amgen Biotech Experience Kit Instructor Checklist

Revised 2020

Contact Information:

Mahsa Khatibeghdami, So. Cal Director Amgen Biotech Experience, mahsak@lapromisefund.org

Grace G. Montgomery, Site Coordinator, Pasadena Distribution Center, GraceM@lapromisefund.org, 626.696.9123

All Amgen Biotech Experience labs are to be performed using all appropriate safety attire and precautions required in a science classroom laboratory. Please refer to your school district's rules regarding these.

Upon PICK UP of the kit:

*Check to see that you have received all the supplies listed on your supply spreadsheet **ASAP**. Call Grace if you are missing anything. **As you unpack the boxes, note how they are packed to make it easier for you when you need to repack them.**

*Be sure to store supplies at the appropriate temperature. **The supply spreadsheet is color coded to help you.**

*The kit includes a Teacher Notebook, which contains all the lab updates, equipment manual and helpful tips. Please refer to this and the website www.amgenbiotechexperience.com especially for **recent lab updates** and teacher resources.

***Please return ALL unused reagents, empty bottles and supplies.**

***Please take photos of your best plates on the transilluminator. Please do NOT erase the camera SD card.** We go through the images and plates to evaluate our program. Even if you do not get "good" results, take a picture for us so we can figure out what went wrong.

Before RETURNING the kit:

***Please repack the equipment in the correct boxes.** The boxes all have a list of their contents.

*Be sure to **rinse the electrophoresis gel boxes, gel trays, gel casting board etc. with distilled water and let them AIR DRY ONLY** before packing them. **Remove any tape you may have put on them. DO NOT try to wipe them dry with a paper towel or ethanol!**

***Be sure to pack all gel combs, thermalcycler grids, boiling tube clamps, SD cards, cords, gel casting board, spatula, isofreeze units, insulated bags, and empty reagent bottles** as these items are sometimes forgotten.

***If any pieces of equipment did not work please label them and bring it to Grace's attention.**

***PLEASE REFILL ALL TIP BOXES BEFORE RETURNING THE KIT.**

WHAT GOES IN THE AUTOCLAVE BAG: LAB 5 & 6 the transformation and purification

labs ONLY: USED MICROFUGE TUBES, PIPET TIPS, AGAR PLATES, AND CELL SPREADERS, ARE TO BE DISCARDED IN THE AUTOCLAVE BAGS PROVIDED. USE A TWIST TIE TO CLOSE THE BAG AND ONLY FILL EACH BAG UP TO THE WORDS "AUTOCLAVE BAG".

Used 1X SB buffer can be poured down the drain. All other waste (gloves, tubes, tips, etc) from labs 1,2,3 and 4 can be discarded in your regular trash.

Answer Online Results Survey. You may have to answer NO to some of the lab result questions. THANK YOU!!!