

**What to do  
when you  
are done?**



Thank you for bringing the ABE@**(YOUR SITE)** program into your classroom!

We understand and appreciate that the labs are long and stressful, and you may feel like there is always a rush to pack up the kits as quickly as possible.

However, to ensure that we can reach as many students as possible, please follow the instructions in the next three pages as much you can to prolong the equipment usage lifespan.

If you have any questions or concerns, please do not hesitate to reach out to **(SITE CONTACT)** at:

**(EMAIL ADDRESS)**

**(WORK PHONE)**

**(CELL PHONE)**

# Lab Equipment

**Unplug all power cords from the equipment base prior to packing.**

- Incubator
- Centrifuge
- Heat Block

## BlueGel Electrophoresis Kits

- **Rinse** amber lid with warm water, **wipe dry**
- **Clean** excess fluid around the gel base connectors (red circles)
- This removes buffer from the connector, preventing corrosion and intermittent signals for future electrophoresis runs
- **Unplug** power adapter from gel base, **coil and secure** power cord
- **Fold** black cover flat
- **Check** that all numbers match on the components before packing:
  - Amber Lid
  - Gel Buffer Reservoir
  - Gel Base
  - Power Adapter
  - Black Cover
  - Anti-fog spray
  - Microfibre cloth



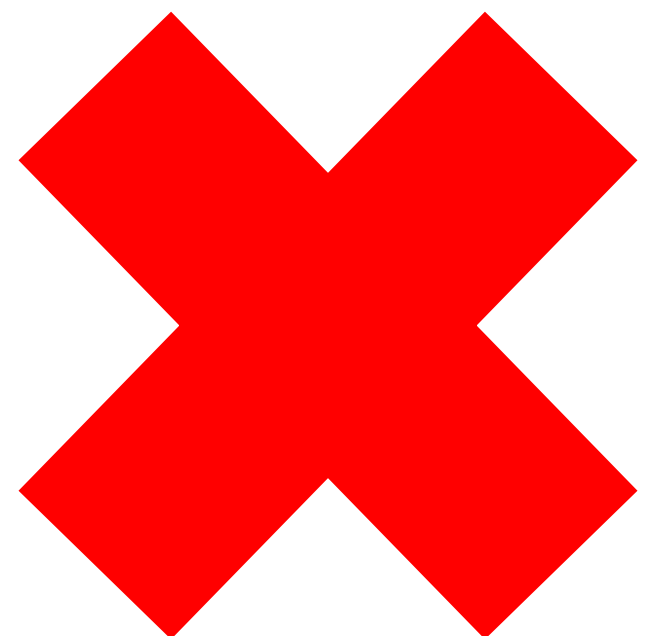
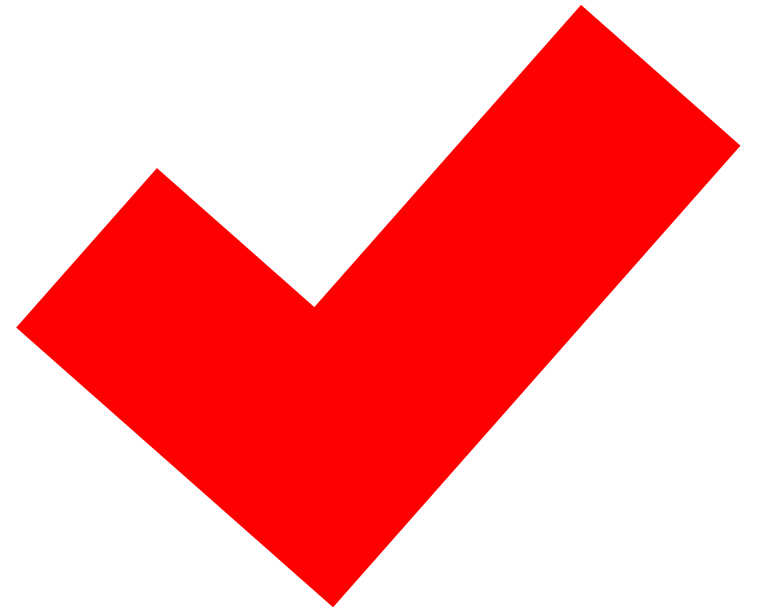
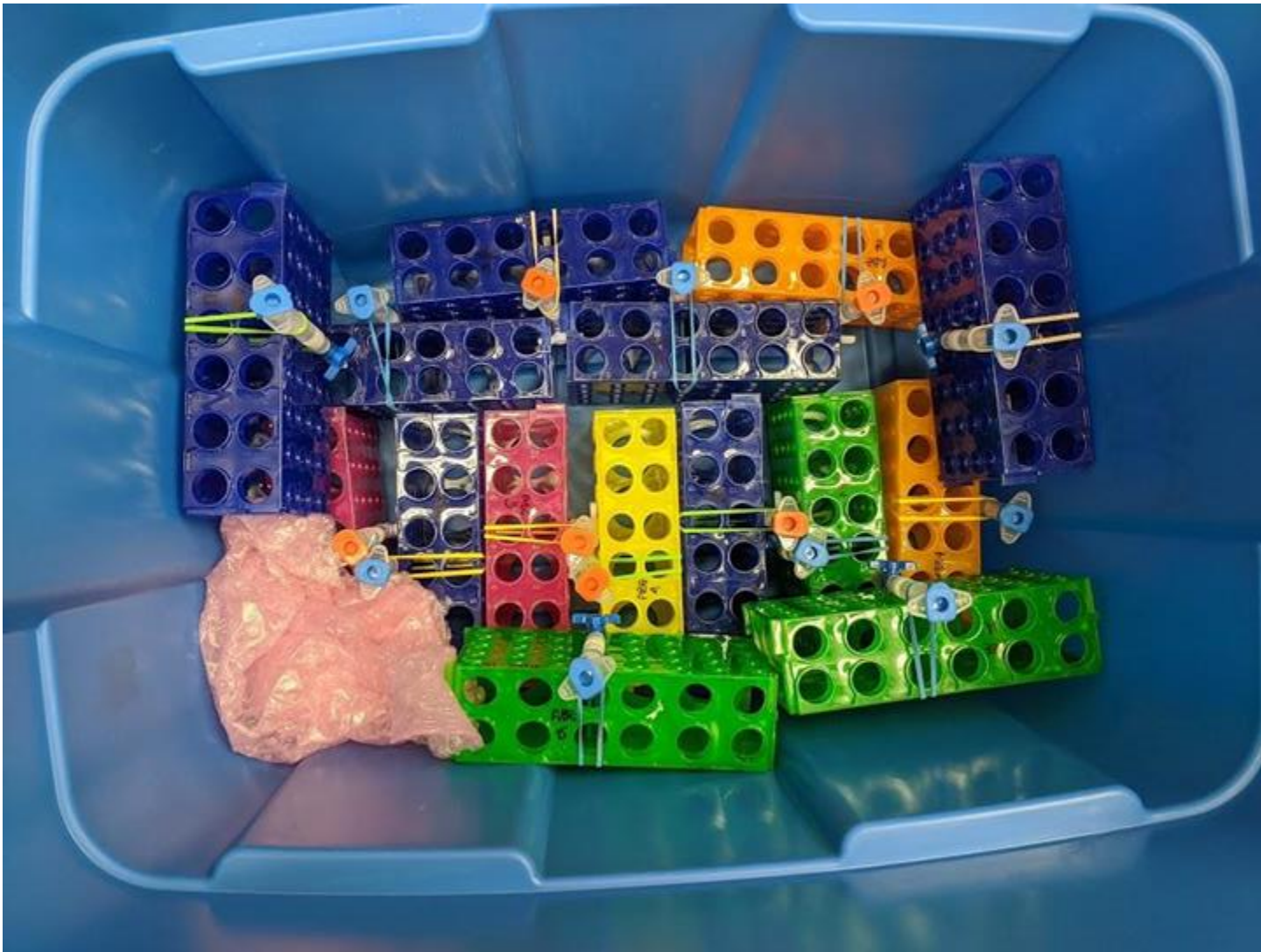
## Gel Casting Trays

- **Rinse and dry:**
  - Casting Base
  - Gel Cassettes x 2
  - Gel Combs x 2
- Check that all numbers match on the components before packing



# Lab Equipment – Resin Columns

- **Resin columns must be stored upright at all times!!**
  - Returned horizontal or upside-down columns must be regenerated, and may need to be replaced should the beads dry out due to inappropriate storage.



# General Lab Supplies

**\*\*REVIEW TO BE SURE THESE MATCH YOUR SITE'S PROTOCOLS\*\***

## • **Trash:**

- Red Dye
- S1 Dye
- S2 Dye
- S3 Dye
- ddH<sub>2</sub>O
- Loading Dye
- Marker
- RE Buffer
- pKAN Plasmid
- pARA Plasmid
- RE Mix
- T4 Ligation Buffer
- T4 Ligase
- GelGreen
- Agarose Gels (Labs 1&4)
- Binding Buffer
- Wash Buffer
- Benchttop Diapers
- Used tips: Labs 1-4

## • **Disinfect and trash:**

- Cell Spreaders
- Used tips: Labs 5 & 6
- LB Plates
- Luria Broth
- Cell Lysate
- Competent Cells
- Protein Fractions: Lab 6

## • **Empty, rinse and *dry*:**

- Tupperware containers
- Conical Waste Containers
- Ice Bucket
- Ice Crusher
- SB Stock Containers
- 50mL conicals (1xSB Buffer)
- 15mL conicals (Elution Buffer, Column Equilibration Buffer)
- Resin column waste boxes
- Sparkleen squeeze bottle
- Eppendorf Tube Racks

## • **Soak/shake and dry:**

- Silicone practice gels
  - **Do not leave red dye in wells for more than one period**

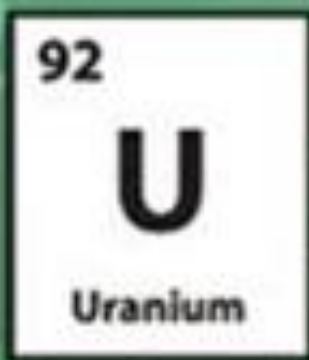
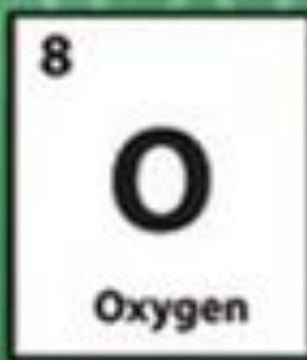
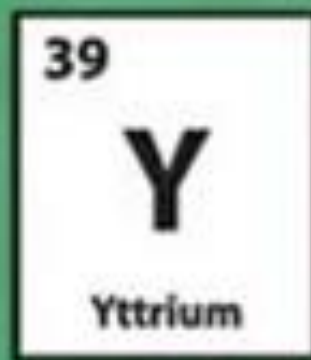
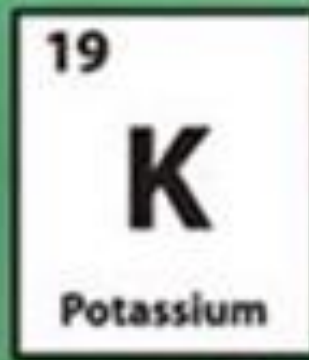
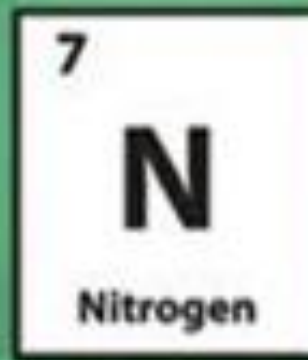
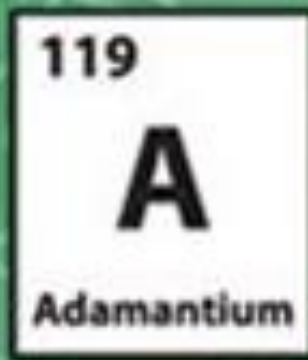
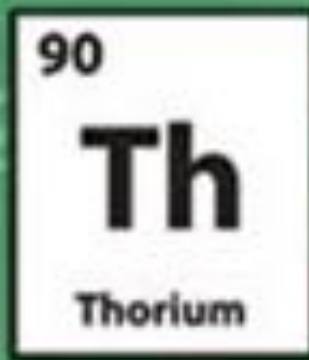
## • **Wipe clean:**

- Micropipette practice sheets
- Safety goggles

## • **Wipe clean and reset:**

- P20 Pipettes – 2.5µL
- P200 Pipettes – 25µL
- P1000 Pipettes - 250µL





**PERIODICALLY, IT'S NICE TO BE  
REMINDED THAT WE MATTER**