**Make a Gel**

1. In a flask, add 0.5g agarose in 50mL 1x buffer. Swirl to mix. Heat until all the agarose powder has dissolved.
2. Let the flask cool on the bench until the flask can be handled without a potholder.
3. While you wait, tape off the open ends of a gel tray.
4. Pour the warm gel into the tray; insert a comb to make wells at one end of the gel.
5. Once solidified (20 minutes), remove the tape. Run immediately or refrigerate in buffer until the next class.