

Equipment

All equipment is available for member's use. If you need a special piece of equipment, or have something to donate, contact us.

- 1000X microscopes
- 2x thermocyclers
- Horizontal gel electrophoresis apparatus
- Vortexer
- Autoclave
- Benchtop centrifuge
- Stirring hotplate
- Microwave
- Sonication bath
- Incubator
- Micropipette set
- -20 °C freezer, 4 °C fridge

Common Reagents and Supplies

These supplies are communal. Specific reagents for a personal project would be supplied by the member, and can be acquired from several retailers online.

- agarose
- TBE buffer
- LB media
- De-ionized water
- Chloramphenicol
- Petri dishes
- 0.2 mL and 1.5 mL tubes
- Pipette tips
- Nitrile gloves (medium and large sizes)
- Safety equipment

Equipment needed

- Vertical gel electrophoresis (for polyacrylamide gel electrophoresis)
- UV/Vis spectrophotometer
- p200, p1000 pipettes (we currently have both but they are in shoddy working order)

1 Safety

Ours is a Biosafety Level 1 lab, about as dangerous as a commercial kitchen. All those wishing to use the lab space will be taught proper lab conduct and etiquette to ensure safe behaviour. The greatest danger is carelessness. We have the following safety items available for communal use:

- Safety glasses, UV blocking
- Splash goggles
- Leather gloves for handling hot items
- First aid kit: band-aids, wipes, gauze, tape
- Spill absorber (kitty litter)
- Face mask, UV blocking
- Lab coats
- Nitrile gloves