

Basic laboratory equipment

- 3-D shaker
- Centrifuge
- Freezers at -20°C and at -80°C
- Fridge at 4°C
- Hood
- Incubator at 37°C
- Optical microscope
- Phase-contrast microscope*

- Gloves
- Matches
- Pasteur pipettes
- Pencil (to write on slides)
- Pipette tips
- Razor blades
- Slides
- Tissue paper

Lab tools

- Bio-hazardous waste containers
- England finder "graticule"
- Glass Petri dishes
- Micropipettes (P100, P1000)
- Needles
- Racks
- Scalpel
- Scissors
- Tweezers
- Watch glasses

Reagents

- 0.01M Citrate buffer
- 45% Acetic acid (freshly prepared)
- Absolute ethanol
- Acetic carmine
- Distilled water
- Glacial acetic acid
- Hydrolytic enzyme mixture (see protoplasts protocol)

Consumables

- Coverslips
- Eppendorf tubes
- Falcon tubes
- Glass bottles for buffers (autoclavable)

(Non-essential materials for our regular protocol in italics)

