See protocols *Preparation of bacteriophage Stocks*
*Titration of Bacterial Viruses*

**SUPPLIES:**
- Fresh *E. coli* B culture
- TSB broth

**EQUIPMENT:**
- 5 mL pipet
- 200 uL pipet
- bacterial growth apparatus, including spect 20
(See protocol on *Bacterial Growth Curve*)

**HARVESTING THE PHAGE:**
- table top clinical centrifuge
- screw capped tubes
- chloroform

**DILUTION OF PHAGE** (four stations in pairs, next to last desks)
- Repipet set to 9.9 mL
- empty sterile 16 x 150 mm tubes (32)
- 10 uL micropipet and sterile tips
- vortex
- used tips container

**PLATING OF DILUTED PHAGE** (four stations in pairs, last set of desks)
- two 45 C hot blocks
- 32 sterile 13 x 100 mm test tubes
- Top agar, steamed in covered pot for 10 minutes
- Fresh *E. coli* B culture
- sterile repeater pipetor, set for 2 mL
- sterile repeater pipetor, set for 0.1 mL
- 200 uL pipets with tips
- vortex
- used tips container
- pan with hot water to receive used agar tubes
- 32 LB agar plates, warmed in incubator (take out of the sleeves)