

SETUP FOR PHAGE GROWTH EXPERIMENT

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See protocols *Preparation of bacteriophage Stocks*
Titering 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)