

M13 phage stock からのRF の調整  
(written by Dr. 白尾)

1. Transfer 100  $\mu$ l o/n JM109 to a sterile tube. Add 20  $\mu$ l of the bacteriophage stock. Mix by tapping the tube. incubate 5 min at room temperature.
2. Add 10 ml of LB medium and incubate for 5 hours at 37 with constant, vigorous shaking.
3. Harvest the infected cells by centrifugation at 3000 rpm for 15 min at 4 .
4. Isolate the M13 RF DNA by the alkaline lysis method. The yield of RF DNA expected from 10 ml of infected cells is 7  $\mu$ g.