# ELUTION OF SMALL FRAGMENTS OF DNA FROM AGAROSE GELS (<500bp)

1. Gel purify DNA fragment on 1% agarose and excise band under UV transilluminator. Always wear eye protection when using the transilluminator as UV light is harmful to your eyes.
2. Incubate the gel slice overnight in 5 ul of 1M ammonium acetate.
3. Ethanol precipitate the DNA by adding 2 volumes of 100% (absolute) ethanol. Ethanol is highly flammable, use caution when near sources of ignition.
4. Spin down the DNA 5 min. In microfuge, wash with 70% ethanol, dry under vacuum and resuspend in 10 ul of TE.
5. Use resuspended DNA directly in ligation reactions.