

Obtain plasmid DNA

When obtaining plasmid DNA for digestion and ligation, a yield of at least 15 ng/ μ L is desirable. Also, it is helpful to miniprep more than one sample of each type of plasmid DNA every time the miniprep procedure is done. Due to the overnight incubation step, minipreps are a bottleneck process, so minimize the number of times you perform minipreps. Another benefit of having a large volume of DNA is that you have the option of concentrating the DNA if needed.