



### **Sequencing of PCR product**

For sequencing of PCR product or purified DNA, we need to have your fragments with normalized concentration. Here is a general idea on DNA quantity for sequencing PCR products.

#### PCR products

100-200 bp	1-3 ng
200-500 bp	3-10 ng
500-1000bp	5-20 ng
1000-2000 bp	10-40 ng
2000 bp or more	40-100 ng

Plus, 5 pmole of your primer for each reaction.

If user can, adjust the final volume with WATER to make 5ul. If the volume is too much variable, user just brings samples with primer to CGF and our staff will dry them down. High conc of EDTA (from TE buffer) inhibits BigDye reaction. Try not to use too much EDTA in your DNA samples.