

Primer Dilution

- Purpose :
Dilute the primer
- Background:
Primer from IDT was in lyophilized primer, so we must dilute it
- Tools and material :
 1. Tube
 2. Micropipette
 3. TE buffer pH 8
 4. ddH₂O
- Procedure :
 - a. Making master stock (100μM)
Make the concentration to be 100 μM, for example, if on the tube is written 20,8 nmol, we must add $20,8 \times 10 = 208 \mu\text{L}$ TE buffer, so we get concentration of primer is 100 μM
 - b. Making working stock (10μM)
Dilution formula
 $V1.M1=V2.M2$
 $100.10=V2.10$
 $V2=100$