Ligation

Name: Date:

Continue from Date
Name
Experiment
Project Name:

Procedure

PCR tube:
total volume 20 µl

1. add H_2O (17 µl -X-Y-Z)
2. add 2 µl Ligase Buffer 10x
3. add Insert 1, Insert 2 (when proceeding from 3A digestion use 2 µl of each)
4. add Vector (20ng needed. When proceeding from 3A digestion use 2 µl)
5. Add 1 µl T4-DNA Ligase
6. Incubate 10-30 min at room temperature
7. heat for 20 minutes at 80°C
8. store at -20°C or directly proceed to transformation

	Name of part	Ratio Insert:Vector = 3:1 or 1:1	Volume (µl)
X	insert 1		
Y	insert 2		
Z	vector		
	H_2O		

Documentation:
Why are you doing this experiment? Where are your parts stored? Name the parts for ligation etc.