

## PCR with DNA Polymerase

### Preparation for Reaction Mixture

	Recipient: (50ul system)
Template	~1-2 ul
Forward Primer	2ul
Reverse Primer	2ul
10*Buffer	5ul
Enzyme	0.5ul
dNTP	1ul
ddH <sub>2</sub> O	37.5-38.5ul

### Processing:

- 95°C 10min
- Cycle \*30
  - 95°C 30s
  - annealing (depending on T<sub>m</sub>) 30s
  - 72°C time(depending on the length of the product and efficiency of the enzyme you choose)
- 72°C 5~10min
- 4°C 1h