

Protocol for PCR

Protocol code: PCR

Materials

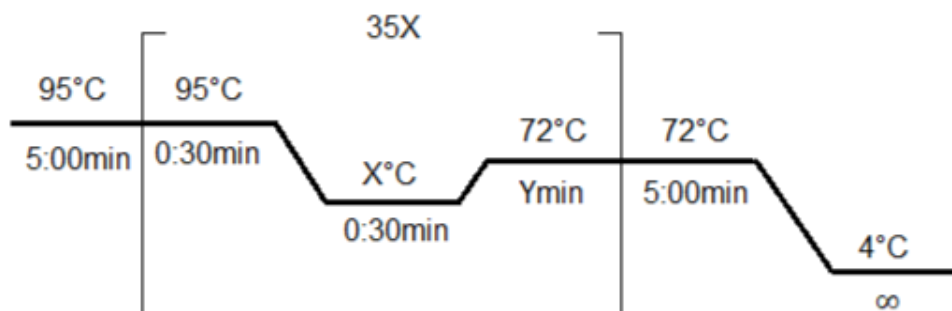
- DNA
- 5X Green GoTaq® Reaction Buffer
- GoTaq® DNA Polymerase (5U/μL)
- dNTPs
- Primers
- Nuclease Free Water
- 0.2mL tubes

Procedure

1. Prepare reaction as described in the following table.

Reagent	1 Reaction (25μL)
DNA	100ng aprox.
5X Green GoTaq® Reaction Buffer	5μL
Forward Primer (10μM)	1μL
Reverse Primer (10μM)	1μL
dNTPs (10mM)	1μL
GoTaq® DNA Polymerase (5U/μL)	0.25μL
Nuclease Free Water	up to 25μL

2. Set thermocycler as follows



Y: depends on T_m of the primers.

X: use extension of 1min per 1000bp of desired amplicon.