Amersham beads PCR Polymerase-Chain-Reaction

Procedure 1

using 0,2 ml-Tubes
PCR-machine with lid-heating

Variant A

using Amersham-Beads with Buffer/Polymerase

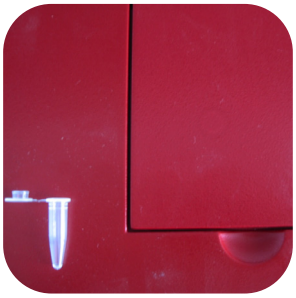
Batch 1A

2,5 µl Template
1 µl Primer forward
1 µl Primer reverse
20 µl dd H_2O

Batch 2A

= 2x Batch 1A

place tubes on ice until PCR starts



Procedure 2

using 0,5 ml-tubes
PCR-machine without lid-heating

Variant B

classisc procedure

all reagents are added seperately

Batch 1B
2,5 µl Template
4 µl dNTP-Mix
13 µl dd H_2O
1 µl Taq-Polymerase
1 µl Primer forward
1 µl Primer reverse

Batch 2B

= 2x Batch 1B

place tubes on ice until PCR starts

optional:

add running buffer Kresolrot in 6M Glc

Program PCR-machine as advised
or
call available program

95°C 60s Lead in
Cycle 1-35
XX°C 30s Annealing
72°C 90s Polymerize
95°C 30s Denature

XX°C 30s Annealing
72°C 3m Polymerize
95°C 5m Leadout
4°C store
XX= according to primer

