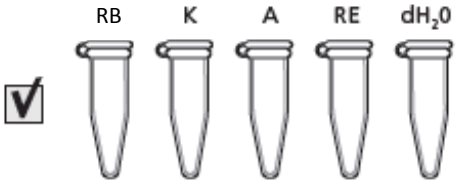
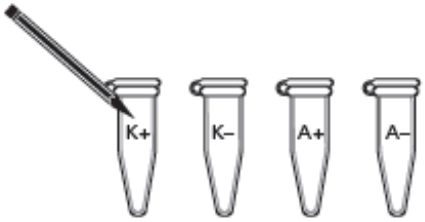
# 2 – Beginning to clone a gene

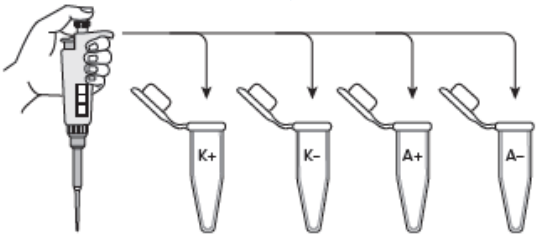
## Lab 2: Restriction digestion of plasmids



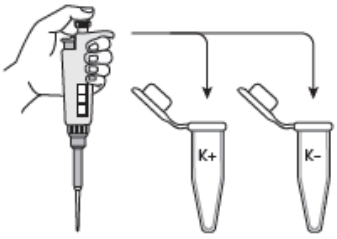

Check reagents
(RB, K, A, RE, dH$_2$O)



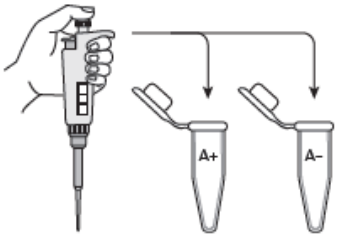

Label 4 tubes
K+, K-, A+ and A-



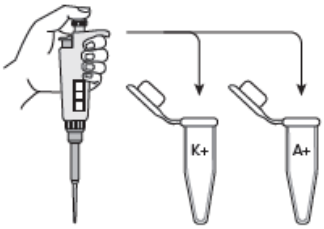

Add 4.0 µL of RB to the
K+, K–, A+, and A– tubes



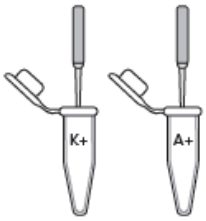

Add 4.0 µL of K to
the K+ and K– tubes



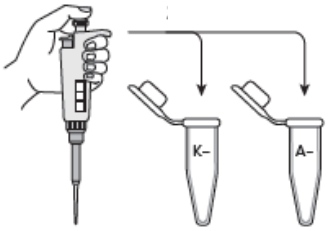

Add 4.0 µL of A to
the A+ and A– tubes



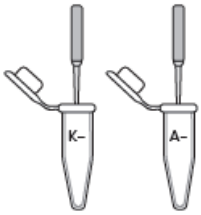

Add 2.0 µL of RE to
the K+ and A+ tubes




Pipette up and
down to mix

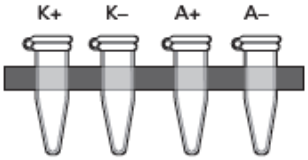



Add 2.0 µL of dH$_2$O to
the K- and A- tubes

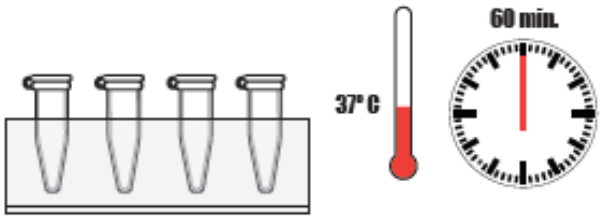



Pipette up and
down to mix

Centrifuge
the tubes




Place tubes in
floating tube rack




Place tubes in 37°C water bath and
incubate for one hour