

Restriction enzyme digestion

Materials:

plasmid DNA or PCR product

restriction enzymes

buffer (10x)

H₂O

water bath at 37 °C

heat block or water bath at 65 °C

Protocol:

Reaction for one sample:

ddH ₂ O	15ul
10× FastDigest Green buffer	2ul
Plasmid(PCR product or genome)	2ul(up to 1ug) or 10ul(~0.2ug) or 10ul(5ug)
FastDigest enzyme	1ul

Incubate for (at least) one hour at 37 °C. Inactivate the restriction endonucleases by heat, incubation at 65 °C for 10 minutes and centrifuge shortly.