

## Restriction enzyme digestion

### Materials:

plasmid DNA or PCR product  
restriction enzymes  
buffer (10x)  
H<sub>2</sub>O  
water bath at 37 °C  
heat block or water bath at 65 °C

### Protocol:

Reaction for one sample:

ddH <sub>2</sub> 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.