

Fastdigest - restriction digest (Thermo Scientific)

Materials:

- Plasmid DNA (2 μ l)
- 10X FastDigest green buffer (2 μ l)
- FastDigest enzymes (1 μ l of each)
- Nuclease free water

Protocol:

1. Set up the following reaction at room temperature in the order indicated:

Nuclease Free-Water	n μ l
10X FastDigest Green Buffer	2 μ l
DNA	2 μ l (up to 1 μ g)
FastDigest Enzymes	1 μ l of each
Total volume	20 μl

2. Mix gently and briefly spin down
3. Incubate at 37C for 15 mins, heat at 80C for 5 mins, hold at 4C
4. As 10X FastDigest Green Buffer was used the digest can be loaded directly onto a gel