

## Restriction Digest

1. Combine the following on ice:

Reagent	1x(volume in ul)	[final]
10x NEB Buffer	5	1x
BSA	0.5	1x
H <sub>2</sub> O	Vol req for 50 ul total	-
DNA	Vol req for 0.5 ng <= mass <= 5 ug	-
Restriction Enzyme	0.5	1 U
<b>Total</b>	<b>50 ul</b>	-

2. Incubate at 37C for 2-20 hours
3. Heat inactive the enzyme at 65C for 15 minutes