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Restriction endonuclease reactions ABSTRACT

This protocol is used to having restriction endonuclease reactions based on endonuclease by NEB.

1. Add the following reagents to a PCR tube (e.g. 50μl) on ice.

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|  | A | B |
| 1 | Restriction Enzyme | 10 units is sufficient, generally 1 µl is used |
| 2 | DNA | 1μl |
| 3 | 10 x NEBuffer | 5μl |
| 4 | ddH2O | To 50μl |

1. Incubate at 37℃ in water bath for 2 hour.
2. Stop the reaction by heat inactivation. Temperature and time for inactivation depends on the enzyme.
3. Use electrophoresis to confirm if correct construct was present.