Restriction digest

Snehadri Sinha

Abstract

Citation: Snehadri Sinha Restriction digest. **protocols.io**
dx.doi.org/10.17504/protocols.io.gzmbx46
Published: 17 Jan 2017

Protocol

Step 1.

Combine the materials:

>500 ng DNA (500 ng for diagnostic digest, >1000ng for restriction cloning)

0.5-1 uL each restriction enzyme

Buffer (appropriate buffer indicated by enzyme manufacturer, to a final concentration of 1x)

dH2O to total volume of 20 ul.

Step 2.
Mix gently by pipetting.

Step 3.
Incubate tube for an appropriate temperature at an appropriate time (usually 37 C, time varies; generally 1 h for NEB enzymes, 10-30 min for FastDigest enzymes. Follow the manufacturer's instructions.).

Step 4.
Visualize the results of your digest, conduct gel electrophoresis.

This is an open access protocol distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited