



Jul 08, 2019

02 Enzyme Digestion

TJUSLS China¹¹Tianjin University

Working

dx.doi.org/10.17504/protocols.io.49egz3e

TJUSLS China
Tianjin University

GUIDELINES

It's better to add enzymes at last.

MATERIALS

NAME	CATALOG #	VENDOR
Water bath or heat block at 37°C		
dd H ₂ O		
DNA	1	
10×green loading buffer	/	
Restriction endonuclease	/	

BEFORE STARTING

Put the enzyme on ice.

- Mix together:
 - 3μl Restriction endonuclease 1
 - 3μl Restriction endonuclease 2
 - 6μl 10×green buffer
 - 3000ng DNA
 - Add to 60μl dd H₂O

If it is double enzyme digestion verification before sequencing:

 - 1μl Restriction endonuclease 1
 - 1μl Restriction endonuclease 2
 - 1μl 10×green buffer
 - 7μl DNA

- Heat in water bath or heat block at 37°C for 30min-1h.

37 °C



This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited