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## Double Digestion of Insert DNA

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Works for me

[dx.doi.org/10.17504/protocols.io.76qhrdw](https://dx.doi.org/10.17504/protocols.io.76qhrdw)

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### ABSTRACT

*Combined enzyme volume should not exceed 1/10 of the total reaction volume.*

For **double** digestion with **two** FastDigest restriction enzymes, mix:

Write down the name DNA tube used and its concentration.

clean and concentrate the sample after digest in 10µL Water

PCR Purified 2016.07.25	ng/uL
Gene DNA Tube X	50
Component	Volume x2µl]
Sterile MilliQ Water	24
10x FastDigest Buffer	4
PCR-amplified DNA	8
FastDigest Enzyme 1	2
FastDigest Enzyme 2	2
Total Volume	40
Total ng of DNA	400

Mix gently and spin down.

Incubate at enzyme suitable conditions (45min)

Inactivate the enzyme at suitable conditions



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