

## Checking Minipreps by Digest

### *Reaction Setup*

<u>Reagent</u>	<u>Volume (ul)</u>
Miniprep product	2
10x BSA	2
10x Buffer 3	2
EcoRI (2 units/ul)*	0.75
PstI (2 units/ul)*	0.75
H2O	12
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	20 ul

\*These enzymes have been diluted 1/10 for your use, so 1ul is equivalent to 0.1 ul undiluted enzyme. The glycerol in which the enzymes are stored makes the solution sticky, so it will stick to the outside of the pipette tip. This being the case, the volume you actually transfer will always be greater than that you actually transfer. This is reflected above, and the reason the water is apparently 0.5 ul short.

### *Reaction Conditions*

Incubate at least one hour, at most two hours, at 37°C.

### *Analysis*

Run the whole digest on an agarose gel.