

## Exonuclease I/ Phosphatase

### Exo I/Phos 10 x buffer

Stock concentrations	volume (ml)	Final concentration
1M MgCl <sub>2</sub>	5 ml	100mM MgCl <sub>2</sub>
1M Tris-HCl pH8	10 ml	200mM Tris-HCl
HPLC H <sub>2</sub> O	<u>35 ml</u>	
<b>Total</b>	<b><u>50 ml</u></b>	

### Reaction Mix:

10 X buffer	2.5 ul
Exonuclease (20000 U/ml)	0.15 ul
Antartic Phosphatase (25000 U/ml)	0.15 ul
HPLC H <sub>2</sub> O	<u>7.2 ul</u>
	<u>10.0 ul</u>

Add 10ul of the reaction mix to the DNA on ice. Maintain the plate on ice up to the point that you place it on the thermocycler.

### Cycling protocol

#### 96 well and 384 well Cycling (Tetrad and G-Storm):

Lid temp set to 80°C constant

37°C 1 h

80°C 15min

4°C hold

After thermocycle make 1 in 5 dilutions and use diluted DNA for Sequencing.