

ENZYME BUFFERS

Klenow Fragment: Storage buffer

100mM KH ₂ PO ₄ (pH 7.0)	556uL of 0.9M
5mM DTT	25uL of 1M
50% glycerol	2.5mL

add some d H₂O, check pH, to 5 mL with n H₂O

10 X Mung Bean

- 0.3 M NaOAc pH 5.0
- 1 M NaCl
- 20 mM ZnCl₂

10 X PHOSPHATASE (calf intestine)

- 0.2 M Tris 8.0
- 10 mM MgCl₂
- 10 mM ZnCl₂

use 0.1 U CIAPase to 1 to 20 pmoles DNA ends