

## SYNTHESIS OF RADIOACTIVE MARKERS

1. Set up following:

5  $\mu\text{g}$  DNA

5  $\mu\text{l}$  BRL React 2 buffer (or equivalent)

1  $\mu\text{l}$  Klenow polymerase

1  $\mu\text{l}$   $^{32}\text{P}$  dCTP

up to 50  $\mu\text{l}$  with  $\text{dH}_2\text{O}$

2. Incubate 15' at room temperature.

3. Add 1  $\mu\text{l}$  2 mM dNTPs.

4. Incubate 5' at room temperature.

5. Ethanol precipitate and resuspend in TE/loading dye.