

Oligo Radiolabeling

	50uL RXN
ddH ₂ O	40uL
10X PNK buffer	5uL
RnaseOut	1uL
10pmol/ul Oligo	1uL
gamma p32 ATP (6000Ci/mMole, 150mCi/mL)	1uL
T4 PNK (NEB, M0201S)	2uL

Mix ddH₂O, PNK buffer, and Oligos

Add the radiolabeled ATP and T4 PNK

Incubate at 37C for 1hr

Clean-up reactions on a sizing column to remove unincorporated nucleotides (NucAway, Ambion)

Run on a 9% denaturing gel, EB stain, and view with instant imager or phosphor imager