Reagents:
(RNase protocol)

Acrylamide:
- 6% acrylamide: 29.2g acrylamide
- bis acrylamide: 1.0g bis
- 8M urea: 233.5g urea
- dwater: to 450 ml

Mix and dissolve, then add 10g deionizing resin
Mix at room temp. for 30 min.
Filter to remove particulate resin

IX TBE: 50.0 ml 10X TBE
Store 4°C. Good 3-4 months.

10X PIPES Hybridization Buffer
- 0.4M PIPES pH6.7: 13.84g
- 4.0M NaCl: 23.40g
- 10.0 mM EDTA: 2.0 mls 0.5M stock

Bring to 100 ml. Autoclave.

RNase Digestion Buffer
- 0.3M NaCl: 12ml of 5M stock
- 10mM Tris-HCl pH7.5: 2 ml of 1M stock
- 5mM EDTA

Bring to 200 ml. Autoclave.

Formamide Loading Dye
- 10mM Tris pH 7.4
- 1mM EDTA
- 0.01% BPB + XC
- 80% formamide (BRL, frozen –20°C)

Proteinase K
- 20 mg/ml in ETS buffer, 37°C for 30 min. Store –20°C
ETS: 0.01M EDTA, 0.01M Tris pH 7.4, 0.2% SDS

TRNA
- 10mg/ml in water. Phenol/chloroform 2x, etoh ppt.

Rnase T1
- 5000 U/2.8ml autoclaved water. Store –20°C