

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