

## *Electrophoresis Protocol for anamed TBE Urea Gels*

### Sample Buffer, 2-fold

Tris	90 mM
Boric Acid	90 mM
EDTA	2 mM
Urea	7 M
Ficoll 400	12 %
Bromophenol Blue	0,04 %
Xylene Cyanol	0,04 %

### Running Buffer, 5-fold

Tris	450 mM
Boric Acid	450 mM
EDTA	10 mM
pH	8,3

Do not use acid or base to adjust pH.

### Running Conditions

Voltage	180 V	constant
Expected Current	~ 20 mA	per gel at the beginning of the run
	~ 20 mA	per gel at the end
Run Time	50 - 75 min	