

## *Electrophoresis Protocol for anamed Tris Borate EDTA Gels*

### Sample Buffer, 6-fold

Tris	270 mM
Boric Acid	270 mM
EDTA	6 mM
Glycerol	32 %
Bromophenol Blue	0,03 %
Xylene Cyanol	0,03 %

### Sample Buffer, High Density, 5-fold

Tris	90 mM
Boric Acid	90 mM
EDTA	2 mM
Ficoll 400	15 %
Bromophenol Blue	0,1 %
Xylene Cyanol	0,1 %

### 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	200 V	constant
Expected Current	~ 20 mA	per gel at the beginning of the run
	~ 20 mA	per gel at the end
Run Time	30 - 90 min	