

## Buffers and Solutions for TNA extractions

### 120 mM PB pH 8.0

Na <sub>2</sub> H <sub>2</sub> PO <sub>4</sub> ·2H <sub>2</sub> O ( M.W 177.99)	10.045 g
NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O ( M.W 137.99)	0.4912 g
DDW	→500 mL

Filter sterilize and autoclave

### TNS/ TNC pH 8.0

500 mM Tris-HCl pH 8.0	15.76 g
100 mM NaCl	1.1688 g
10% SDS or 10% CTAB	20 g
RNAse free DDW	→ 200 mL

Adjust pH with NaOH 3M

Filter sterilize and autoclave

### Precipitation solution

20% PEG 8000		8 g
2.5 M NaCl	58.44	5.844 g
RNAse free DDW		→ 40 mL

### Or

30% PEG 8000		12 g
1.6 M NaCl	58.44	3.74 g
RNAse free DDW		→ 40 mL

Autoclave