

Tether Buffer

- Begin with approx. 700 mLs of DI H₂O
- Weigh out and add ingredients with constant stirring:
 - 1M K₂HPO₄ 6.2mL
 - 1M KH₂PO₄ 3.8mL (final conc. of KPO₄: 10mM)
 - 10mM EDTA 10mL (final conc. of EDTA: 0.1mM)
 - 3.3M NaCl 20.3mL (final conc. of NaCl: 0.067M)
 - 1mM L-methionine 1mL (final conc. of L-met: 1μM)
 - Glycerol 5g (3.97ml)
- Bring up to 1 L with DI H₂O
- Autoclave

**Adapted from Motility Media Buffer from Berg, HC and Turner, L. Chemotaxis of bacteria in a glass capillary arrays. Biophysical Journal, V.58, Oct 1990. pp919-930.*