

## Motility Media

- Begin with approx. 800 mLs of DI H<sub>2</sub>O
- Weigh out and add ingredients with constant stirring:
  - 1M K<sub>2</sub>HPO<sub>4</sub> 6.2mL
  - 1M KH<sub>2</sub>PO<sub>4</sub> 3.8mL (final conc. of KPO<sub>4</sub>: 10mM)
  - 10mM EDTA 10mL (final conc. of EDTA: 0.1mM)
  - 3.3M NaCl 20.3mL (final conc. of NaCl: 0.067M)
- Bring up to 1 L with DI H<sub>2</sub>O
- 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.*