

## Sample Preparation Protocol SP-06 M9 Buffer Formulation for *C. elegans*

### Scope

The M9 Buffer Formulation Protocol is intended for preparation of a *C. elegans* sample buffer. These samples can be used on the COPAS instruments.

### Materials

Na<sub>2</sub>HPO<sub>4</sub>  
KH<sub>2</sub>PO<sub>4</sub>  
NaCl  
MgSO<sub>4</sub> · 7H<sub>2</sub>O  
TritonX – 100 if applicable

### Procedure

Mix the following amounts of reagents:

6 grams/L	Na <sub>2</sub> HPO <sub>4</sub>
3 grams/L	KH <sub>2</sub> PO <sub>4</sub>
5 grams/L	NaCl
0.25grams/L	MgSO <sub>4</sub> · 7H <sub>2</sub> O

Autoclave the solution and store for use.

If using M9 buffer with TritonX–100, add 0.1 mL of TritonX–100 to a liter of M9 buffer.

### Questions?

**For further information, please contact  
Union Biometrika, Inc. directly at  
617.591.1211 or email your questions to  
appsupport@unionbio.com**