

**PMN Buffer**  
*High Osmolarity for Fixing Salt Water Animals*

<b>Compound</b>	<b>mM</b>	<b>FW</b>	<b>g for 200 mL</b>	<b>g for 500 mL</b>	<b>g for 1L</b>
PIPES	100	302.4	6.048	15.12	30.24
MgCl <sub>2</sub>	0.5	95.211	0.00952 (100 ul 1M \$)	.0238 (250 ul 1M \$)	.0476 (500 ul 1M \$)
NaCl	250	58.44	2.92215	7.305375	14.61075

pH to 8.0. Bring to final volume with dH<sub>2</sub>O and autoclave.

To use as fixative (for TEM), add 1% H<sub>2</sub>O<sub>2</sub> and 4% glutaraldehyde (or other fixative components) just before use. Use as wash buffer after fixations for sectioning preparations.