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## **APPENDIX**

| Mounted Tonicity Phosphate Buffer Saline (MTPBS) |       |      |
|--|-------|------|
| Sodium Hydrogen Orthophosphate                   | 1.3   | g    |
| Di-Sodium Hydrogen Orthophosphate                | 5.8   | g    |
| NaCl   | 17.4  | g    |
| H <sub>2</sub> O                                 | 2000  | ml   |
|  |       |      |
| 2. Bouin's Solution                              |       |      |
| Picric Acid                                      | 8.5   | g    |
| Formaldehyde                                     | 1000  | ml   |
| Glacial acetic acid                              | 200   | ml   |
|  |       |      |
| 3. Phosphate Buffer Saline (pH7.4)               |       |      |
| Na <sub>2</sub> HPO <sub>4</sub> 0.2 M           | 95    | ml   |
| NaH <sub>2</sub> PO <sub>4</sub> 0.2 M           | 405   | ml   |
| H <sub>2</sub> O                                 | 1000  | ml   |
|  |       |      |
| 4. 4% Paraformaldehyde                           |       |      |
| Paraformaldehyde                                 | 40    | g    |
| H <sub>2</sub> O                                 | 500   | ml   |
| NaOH 1 M   | 10    | drop |
| Phosphate Buffer Saline 0.2 M                    | 500   | ml   |
|  |       |      |
| 5. 1% Fluorogold                                 |       |      |
| Fluorogold                                       | 0.001 | g    |
| 0.9% Normal Saline                               | 0.1   | ml   |

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