

4% Paraformaldehyde Solution

Cat# BL0415-1000

Size: 1000ml

Store at RT

Description

Paraformaldehyde is the polymer form of formaldehyde, which used to fix tissues and cellular antigen and preserve the structures. However, paraformaldehyde is typically hard to dissolving. Therefore, conventionally prepared paraformaldehyde solution is not isotonic, which can cause samples shrinkage or swelling, finally lose samples originally structures.

4% Paraformaldehyde Solution patent-pending preparation method that can precisely control the solution pH-neutral buffer capacity, isotonic, as well as the concentration and stability of paraformaldehyde.

Moreover, 4% Paraformaldehyde Solution is a slow release, deep-penetrating formula because of the combination of the nature of paraformaldehyde and our patent-pending preparation method. Therefore 4% Paraformaldehyde Solution can well-persevered your samples in good conditions and shapes.

Protocol

Directly immerse the tissue into paraformaldehyde solution for 1-4 hours. tissues larger than 5 cm should immerse to fixed overnight. Cell samples should be fixed 5-10 minutes.

For long storage of samples, please make sure the samples are all immerse in the solution, and replace the solution when the solutions are getting yellow.

Component

| Component | CAS | %WT |
|------------------------------------|------------|-----------|
| Paraformaldehyde | 30525-89-4 | 3.5-4.5 |
| Other Non-Hazardous Aqueous Buffer | --- | 96.5-95.5 |

Caution

Please wear personal protective equipment such as goggles, gloves and use this product in the laminar flow.

When touch to the solution, use soap and water to wash out.

Dispose of contents/container to an approved waste disposal plant

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