## PRODUCT DATA SHEET



# Bioworld Technology CO., Ltd.

# **4% Paraformaldehyde Fix Solution**

Cat No.: BD5049

### Introduction

4% Paraformaldehyde Fix Solution (4% PFA Fix Solution) is widely used to fix biological samples such as cells, tissue and tissue sections, in immunohistochemistry (IHC), immunofluorescence (IF), immunocytochemistry (IC), fluorescence-activated cell sorting (FACS) and other assays.

## Reagents

4% Paraformaldehyde

100ml

## **Storage & Shelf life**

Store at  $-20^{\circ}$ C for up to 12 Months.

#### **Procedure**

This product can be used directly without any extra preparations. If low concentration paraformaldehyde is required, it can be diluted appropriately with PBS. The optimal fixation time varies and should be optimized for different cell or tissue samples. Although paraformaldehyde is mild, it can harden tissues. Prolonged fixation can make tissues brittle and fragile when sectioned. Therefore, fixation time should not exceed 24 hours generally.

#### **RESEARCH USE**

For research use only, not for use in diagnostic procedures.

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