

4% - Paraformaldehyde Phosphate Buffer Solution

We offer a 10% neutral formalin solution designed for use as a general fixation buffer in histological specimen preparations. Since this product is based on commonly available formalin, methanol is used as a stabilizer.

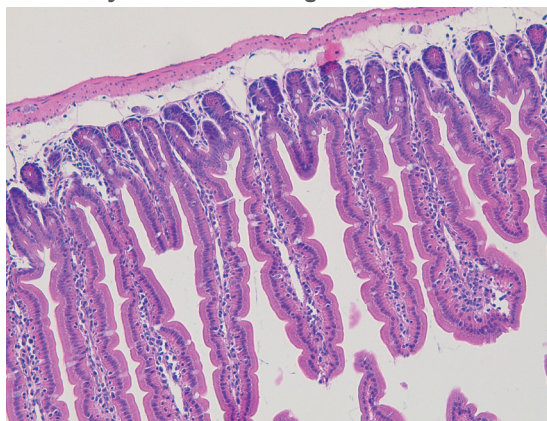
If a methanol free formalin solution is required, the substance can be removed by dissolving paraformaldehyde into the prepared solution. However, care is needed when this method is used because paraformaldehyde is extremely toxic and can cause injury if scattered. To deal with this hazard, additional work, such as making the solution alkaline when dissolving the paraformaldehyde, is required. Our product is available in two volume types: 500 ml and a 5 x 10 ml package set.



- » **Small unit volume**
- » **Enables to immerse histological specimens directly into the solution**
- » **Low cost for waste**
- » **Ready-to-use**
- » **Refrigerable**

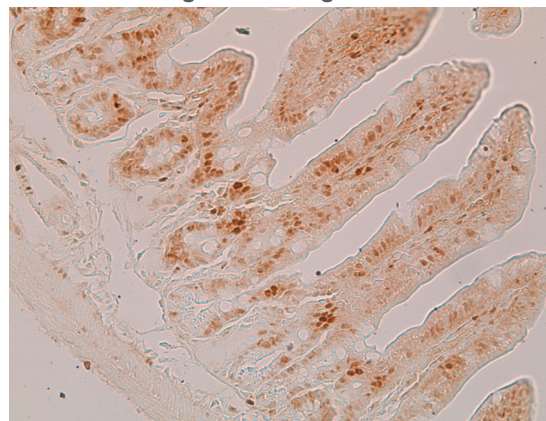
Usage examples

Hematoxylin-eosin staining



Sample: Mouse small intestine
 Fixation method: Immersion fixation with this product (over night at 4°C)
 Deparaffinization: Limonene and ethanol

Immunohistological staining



Sample: Mouse small intestine
 Fixation method: Immersion fixation with this product (overnight at 4°C)
 Deparaffinization: Limonene and ethanol
 Primary antibody: Anti-PCNA (FL-261) (rabbit) (Santa Cruz Biotechnology Inc #sc-7907)
 Staining: Peroxidase Stain DAB Kit (brown stain) (Product No. 25985-50)

Ordering Information

Product Name	Storage	Product No.	PKG Size
4% - Paraformaldehyde Phosphate Buffer Solution	R	09154-14	5 x 10 ml
		09154-85	500 ml

[Storage] R = Refrigerator