



Jun 22,
2019

4% PFA for fixation

Martin Thomas Jahn¹

¹CRC1182

Working

dx.doi.org/10.17504/protocols.io.jtwcnpe

hostmicrobeprotocols




Martin Thomas Jahn
CRC1182 Metaorganism



ABSTRACT

Fixative for FISH and other applications

- 1  use mask be careful with PFA

pour 2 g of paraformaldehyde (PFA) powder in 50 ml phosphate buffered saline (PBS; 130 mM NaCl, 10 mM Na₂HPO₄ / NaH₂PO₄, pH 7.4)



adjust to amount actually required

- 2 heat to approx. 60° C (must not boil!), until suspension is clear (approx. 1/2 h); if not add some drops of 1N NaOH
- 3 check pH and adjust to pH 7.0
- 4 filter through 0.2 µm filter and place on ice

30m



This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited