

# Tissue Preparation, Embedding, Sectioning and Routine Staining

Services

Expand

The default fixative will be 4% paraformaldehyde. This offers investigators the option of later performing in situ hybridization or laser microdissection and capture of protein, DNA or RNA from select populations. This fixative provides a minimal degree of cross-linking of the proteins, thereby rendering antigenic sites more accessible. Other fixatives are used as appropriate. If frozen sections are needed, tissues will be snap frozen in liquid nitrogen and sectioned on a cryostat. When molecular analyses are required, tissue samples can also be rapidly placed in Trizol or RNA extraction solutions and stored at -80°C until investigators retrieve their samples.