

Importance of Immediate & Adequate Formalin Fixation

Importance:

- **Prevents Tissue Degradation:** Stops autolysis and bacterial decomposition, preserving cellular structures.
- **Improves Tissue Quality** – Reduces artefacts and improves staining.
- **Tissue Preservation (Vital in Oncology):** Maintains tissue morphology for reliable histopathology, IHC and Molecular testing.

Key Steps for Formalin Fixation:



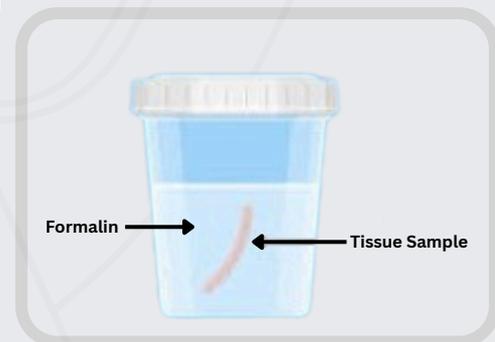
Fix Immediately: Place tissue in formalin within 30 minutes after excision.



Right Concentration: 10% formalin, at room temperature and in a tightly sealed, leak-proof container.



Use Enough Formalin: At least 10-20 times the size of the tissue.



Fix it Fast, Fix it Right!

Ensure better patient care through accurate and timely diagnosis