

HUMAN TISSUE COLLECTION FOR IN SITU HYBRIDIZATION

Collection:

Tissue must be collected as fresh as possible.

Wherever feasible, arrangements should be made to collect the tissue from the operating theatre. The specimen should be transported in a closed container on wet ice.

Processing:

For ISH:

1. Chop the tissue into small pieces (approx. 1x1x0.5 cm) using a sterile scalpel blade.
2. Fix the tissue in 4% Paraformaldehyde in 0.1 M PBS for **4 hours**
3. After the fixation, change the tissue to DEPC-treated – PBS and store overnight at 4°C.
4. Next day, put into Tissueprocessor, starting at solution **Ethanol absolute**, and run each solution for 30 min (instead of the regular 60 min) total time about 4.5 hours.
5. Make paraffin blocks right away.