

UCSF Brain Tumor Center Biorepository and Biomarkers Laboratory

Standard Operating Procedure: Fixation of fresh brain tumors

1. Bring tissue back to lab on wet ice – Document time of removal from brain
2. Divide the tissue with a sterile scalpel into portions ≤ 1 cm in greatest dimension
3. Place tissue in pre-chilled zinc formalin – Document time placed in formalin
4. Store tissue at 4°C for ≤ 24 h and then transfer to 70% ETOH – Document time of transfer
5. Process tissue on next scheduled run
6. Any deviations from above protocol including alterations in temperature etc. must be documented on the specimen card

Specimen Card Documentation required:

1. Time of removal from brain:
Transport of tissue – temperature: RT or Ice
2. Time tissue placed into pre-chilled Formalin:
Tissue storage temperature:
3. Time tissue transferred to 70% ETOH:
4. Date processed: