

UCSF Brain Tumor Center Biorepository and Biomarkers Laboratory

Standard Operating Procedure:
Processing for formalin-fixed, paraffin-embedded samples

1. Fixed samples in 70% ETOH (kept at 4°C) are transferred to the Leica processor.
2. Tissues are held in 70% ETOH at room temperature until the processing program begins. The program runs overnight and the end time is not before 9am on the following day so that the tissue does not remain in the 58°C paraffin for longer than the 135 min processing time.
3. Cassettes are removed immediately upon completion. Tissues are then embedded.

OVERNIGHT (12 hours total)			
Reagent	Time (min)	Temp (C)	
70% ETOH	60	RT	P/V
80% ETOH	60	RT	P/V
95% ETOH	60	RT	P/V
95% ETOH	60	RT	P/V
100% ETOH	60	RT	P/V
100% ETOH	60	RT	P/V
100% ETOH	60	RT	P/V
Xylene	60	RT	P/V
Xylene	60	RT	P/V
Xylene	60	RT	P/V
Paraffin	60	58	P/V
Paraffin	60	58	P/V
Paraffin	60	58	P/V

Processing Program