
 NATIONAL CANCER INSTITUTE  Biorepositories and Biospecimen Research Branch		Biospecimen Pre-Analytical Variables (BPV) Formalin-Fixed, Paraffin-Embedded (FFPE) Section/Stain Form	
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Tissue Bank ID: _____

Form Completed By: _____

Date Completed ____/____/_____
MM/DD/YYYY

FFPE Sectioning Details

1. **Slide Prep Standard of Protocol (SOP):** _____
Your SOP governing preparation of FFPE tissue sections



2. **Microtome:**
 Select one:
☐ Microm Ergostar HM200
☐ Other, specify: _____

3. **Microtome Blade Type:**
 Select one:
☐ Low-profile Sakura Accu-Edge
☐ Other, specify: _____

4. **Microtome Blade Age:**
 Select one:
☐ Fresh
☐ Other, specify: _____

5. **Preparation of Block Face for Sectioning:**
 Select one:
☐ 20 minutes on ice
☐ Other, specify: _____

6. **Section Thickness:**
 Select one:
☐ 4–5 micrometers
☐ Other; specify: _____

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7. Slide Charge:

Select one:

- ☐ Charged
- ☐ Uncharged
- ☐ Other, specify: _____

8. Water Bath Temperature:

Select one:

- ☐ 41–45°C
- ☐ Other, specify: _____

9. Microtome Maintenance:

Select one:



- ☐ Daily
- ☐ Other, specify: _____

10. Waterbath Maintenance:

Select one:

- ☐ Daily
- ☐ Other, specify: _____

11. Any additional comments related to preparation of FFPE tissue sections:

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Hematoxylin and Eosin (H&E) Staining

12. H&E Stain SOP: _____

Your SOP governing H&E staining and slide mounting of tissue sections

13. H&E Time in Oven:

Select one:

- ☐ 20 minutes
- ☐ Other, specify: _____

14. H&E Oven Temperature:

Select one:

- ☐ 60°C
- ☐ Other, specify: _____

15. H&E De-Paraffin Method:

Select one:

- ☐ Manual
- ☐ Automated stainer
- ☐ Other, specify: _____

16. H&E Stain Method:



Select one:

- ☐ Manual
- ☐ Automated stainer
- ☐ Other, specify: _____

17. H&E Clearing Method:

Select one:

- ☐ Manual
- ☐ Automated stainer
- ☐ Other, specify: _____

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18. H&E Cover Slipping:

Select one:

- ☐ Manual
- ☐ Other, specify: _____

19. H&E Equipment Maintenance:

Select one:

- ☐ Daily, weekly, bimonthly, or per SOP
- ☐ Other, specify: _____

20. Additional comments related to preparation of FFPE H&E-stained slides: