

# MOUSE HISTOLOGY AND PHENOTYPING LABORATORY

NUMS-NMH-RIC-AFFILIATES

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710 N. Fairbanks Court, Olson Pavilion 8-333

Hours of Operation: M-F 9:00AM - 5:00PM

Chicago, IL 60611

Email: [mhpl@northwestern.edu](mailto:mhpl@northwestern.edu)

Web: <http://mhpl.facilities.northwestern.edu/>

NUcore Order No. \_\_\_\_\_

MHPL Accession No. **MP18-**\_\_\_\_\_

Date \_\_\_\_\_ Cancer Center Member  Yes  No  
 Chart String (or PO) No. \_\_\_\_\_ Department \_\_\_\_\_  
 PI-Name \_\_\_\_\_ Phone \_\_\_\_\_  
 Requester \_\_\_\_\_ Phone \_\_\_\_\_  
 E-mail \_\_\_\_\_ E-mail \_\_\_\_\_

### The following information will be needed to process the order:

- Type of tissue and from what species \_\_\_\_\_
- Type of fixation and for how long in fixative \_\_\_\_\_
- Tissue is currently stored in and for how long \_\_\_\_\_
- Total number of samples or cassettes N = \_\_\_\_\_

**PROCESSING:**  Paraffin Process and Embed  Paraffin Process Only  Already Embedded  Frozen  Staining

**SECTIONING:** *Per sample or cassette* \_\_\_\_\_ Paraffin (routine: 4um) section thickness  
 \_\_\_\_\_ # of slides \_\_\_\_\_ # of sections (cuts) on ea slide \_\_\_\_\_ Frozen (routine: 10um) section thickness  
 Serial section until tissue is gone  Level/step section \_\_\_\_\_ # of microns between each section

### STAINING: Write the number of slides per sample or cassette for each stain listed:

\_\_\_\_\_ H&E \_\_\_\_\_  
 \_\_\_\_\_ Unstained on charged plus slides \_\_\_\_\_  
 \_\_\_\_\_ Special Stain(s) \_\_\_\_\_  
 \_\_\_\_\_ IHC (List Antibodies) \_\_\_\_\_  
 \_\_\_\_\_ IFC (List Antibodies) \_\_\_\_\_

### OTHER FORMS:

- Complete List of Specimen IDs (**REQUIRED:** see form on second page)
- Additional Special Instructions (*optional: please attach if applicable*)

Slide box provided by requester  100 ct  25 ct  Other \_\_\_\_\_

**NOTES:**  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Confirmed by** \_\_\_\_\_

### MHPL use only (MHPL staff must initial and date for each step):

Processing schedule  TP1020  ASP300  VIP  NBF  70% EtOH \_\_\_\_\_ Date  
 15 min  30 min  45 min  1 hr  1.5 hr  2 hr  Decal (\_\_ hrs)  
 Embed \_\_\_\_\_ Date | H&E Stain \_\_\_\_\_ Date | QC \_\_\_\_\_ Date | Entered \_\_\_\_\_ Date  
 Cut \_\_\_\_\_ Date | SP Stain \_\_\_\_\_ Date | QC \_\_\_\_\_ Date | Notified \_\_\_\_\_ Date  
 IHC Stain \_\_\_\_\_ Date | QC \_\_\_\_\_ Date | NUCORE \_\_\_\_\_ Cart

Tech Notes \_\_\_\_\_  
 \_\_\_\_\_

# Sample Submitted

MHPL Accession No. **MP18-**\_\_\_\_\_

PI-Name \_\_\_\_\_

Requester \_\_\_\_\_

No.	Specimen ID	Organs	Comments
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