

## TRIPath FEE Schedule

(Effective 3/27/2026)

### CONSULTATIONS & START - UP FEES

| Project Service Fee                                          | UW               | External/Industry |
|--------------------------------------------------------------|------------------|-------------------|
| General Project Set-Up Fee*                                  | \$80.00          | \$160.00          |
| IHC/ISH Single Stain Projects incur a per Antibody/Probe Fee | \$10.00/antibody | \$20.00/antibody  |
| IHC/ISH Multiplex Projects incur a per Antibody/Probe Fee    | \$56.00/antibody | \$112.00/antibody |
| ISH Project Set-Up Fee*                                      | \$150.00         | \$300.00          |
| GeoMx Spatial & Molecular Profiling Project Set-Up Fee*      | \$350.00         | \$700.00          |
| Visium v1 Project Set-Up Fee*                                | \$100.00         | \$200.00          |
| Visium CytAssist Project Set-Up Fee*                         | \$80.00          | \$160.00          |
| nCounter Project Set-Up Fee                                  | \$150.00         | \$300.00          |
| Clinical Trial Project Set-Up Fee                            | \$300.00         | \$600.00          |
| Cell Line Authentication (STR Analysis) Project Set-Up Fee** | \$100.00/year    | \$200.00/year     |

***\*Changes in project scope or direction may trigger additional labor fees at \$69.50/hour for UW clients and \$139/hour for Industry/External clients***

***\*\*Cell Line Authentication (STR Analysis) Project Set-Up Fees are charged once per year on the calendar year samples are submitted.***

**TRIP staff are available for free introductory project consultations. Additional design consults will be invoiced at a rate of \$69.50/hour for UW clients and \$139/hour for Industry/External clients.**

**University Overhead and [F&A Rates](#) are not included in our prices.**

**Pathologist consultations can be arranged at \$200.00/hour for UW clients and \$400.00/hour for Industry/External clients.**

### CONTENTS

Histology Services: p. 2  
TMA Creation and Control Tissues: p. 3  
Immunohistochemistry (IHC/IF): p. 4  
In Situ Hybridization (ISH/FISH): p. 4  
Molecular Services: p. 5  
Spatial -Omics & Molecular Profiling Services: p. 6  
Imaging and Image Analysis Services: p. 7  
Fee-For-Use Equipment: p. 7  
Control Tissue Slides Available for Purchase: p. 8-10

## HISTOLOGY SERVICES

| Services                                              | UW- Madison                                                 | External/Industry                                           |
|-------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| Process & embed                                       | \$9.50 +50% if manual processing                            | \$20.00 +50% if manual processing                           |
| Re-embed                                              | \$5.75                                                      | \$11.50                                                     |
| Paraffin sectioning<br>(+20% custom sectioning/block) | \$2.50 First section /block;<br>\$1.25 ea. additional/block | \$5.00 First section /block;<br>\$2.50 ea. additional/block |
| Unfixed Tissue sectioning                             | \$30.00                                                     | \$60.00                                                     |
| Deparaffinization                                     | \$3.00/slide                                                | \$6.00/slide                                                |
| Nuclease-Free Technique sectioning                    | \$10.00/batch                                               | \$20.00/batch                                               |
| Tissue decalcification                                | \$3.00                                                      | \$6.00                                                      |
| Frozen tissue prep                                    | \$12.25/sample                                              | \$24.50/sample                                              |
| Frozen sectioning<br>(+20% custom sectioning/block)   | \$3.80 First section /block;<br>\$1.60 ea. additional/block | \$7.60 First section /block;<br>\$3.20 ea. additional/block |
| Re-coverslip (glass coverslip) stained slide          | \$5.00                                                      | \$10.00                                                     |
| Coverslip (glass or tape) unstained slide             | \$0.50/slide                                                | \$1.00/slide                                                |
| H&E Stain - Paraffin (stain only)                     | \$10.25                                                     | \$20.50                                                     |
| H&E Stain - Frozen (stain only)                       | \$6.50                                                      | \$13.00                                                     |
| Special Stain I (See table below)                     | \$10.50                                                     | \$21.00                                                     |
| Special Stain II (See table below)                    | \$15.75                                                     | \$31.50                                                     |
| Special Stain III (See table below)                   | \$25.00                                                     | \$50.00                                                     |
| Slide carriers: 2x, 5x, 25x, 100x                     | \$1.00, \$1.50, \$5.50, \$10.00                             | \$2.00, \$3.00, \$11.00, \$20.00                            |
| Retrieve/return/store blocks & slides                 | \$1.00/sample                                               | \$2.00/sample                                               |

## SPECIAL STAINS

| Special Stain I          | Special Stain II   | Special Stain III              |
|--------------------------|--------------------|--------------------------------|
| Alcian Blue pH 2.5       | PAS                | GMS                            |
| Toluidine Blue Mast Cell | Gram               | Lester King/Bielschowsky       |
| PBR                      | Gomori Trichrome   | Reticulin                      |
| Cresyl Violet            | Masson's Trichrome | Enhanced PBR (PBR + DAB) stain |
| Picrosirius Red          | Ziehl-Nielsen/AFB  | Elastic                        |
|                          |                    | Weil Myelin                    |

For any stain that is not listed, contact TRIP for feasibility and pricing.

## TMA CREATION AND CONTROL TISSUE

| Services                                                                                                                                    | UW- Madison                                                                                                                                                                    | External/Industry                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Tissue Microarray (TMA) Creation – Price includes 1 H&E slide and 40X Aperio slide scanning for the first block                             | \$315.00 Set-Up Fee for first block per project,<br>\$205.00 per additional block                                                                                              | \$630.00 Set-Up Fee for first block per project,<br>\$410.00 per additional block |
| TMA Core Punches for TMA Creation                                                                                                           | \$9.00 each                                                                                                                                                                    | \$18.00 each                                                                      |
| Tissue Microarray Sections (TSB Inventory):<br>Breast; Colorectal and anal; Head and neck;<br>Lung; Ovarian; Pancreatic and Thyroid cancers | <a href="#">Here</a> is a list of available TMA slides for distribution.<br>For inquiries, contact: <a href="mailto:biobank@uwcarbone.wisc.edu">biobank@uwcarbone.wisc.edu</a> |                                                                                   |
| Retrieve/return/store blocks & slides                                                                                                       | \$1.00/block                                                                                                                                                                   | \$2.00/block                                                                      |
| Unstained Control FFPE Tissue – per section<br>(For tissue types, see Table on pages 8-10)                                                  | \$7.00/section                                                                                                                                                                 | \$14.00/section                                                                   |
| Unstained Control Tissue Microarray                                                                                                         | <a href="#">See table below</a>                                                                                                                                                | <a href="#">See table below</a>                                                   |
| Nikon microscope <a href="#">object marker tool</a> rental                                                                                  | \$15.00                                                                                                                                                                        | \$30.00                                                                           |

**For unstained FFPE sections of any HUMAN tissue organ/disease type not listed on pages 8-10 or additional cases than what is available, contact TRIP.**

| TRIP Control TMAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | UW- Madison   | External/Industry |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------|
| Unstained Control TMA – TRIP A<br><br><u>Consists of:</u> Colon, Skin, Breast, Tonsil                                                                                                                                                                                                                                                                                                                                                                                                                                           | \$10.00/slide | \$20.00/slide     |
| Unstained Control TMA – TRIP B<br><br><u>Consists of:</u> Breast (Invasive Ca), Breast (Benign), Colon (Ca), Colon (Benign), Prostate (Ca), Prostate (Normal), Testes (Ca), Ovary, Tonsil (Normal), Lymph Node (Ca)                                                                                                                                                                                                                                                                                                             | \$25.00/slide | \$50.00/slide     |
| Unstained Control TMA – TRIP C<br><br><u>Consists of:</u> Breast (Benign), Breast (Ductal Ca), Ovary (Normal), Ovary (Normal-Pre-Menopausal), Colon (Normal), Colon (Ca), Uterus (Normal), Uterus (Endo Ca), Pancreas, Pancreas (Ca), Kidney (Chronic Inflamm), Kidney (RCC clear), Prostate (BPT), Prostate (Ca), Lung (Normal), Lung (70% AdenoCa), Thyroid (Normal), Thyroid (FV PTC), Spleen (Normal), Mantle Cell Lymphoma, Skin (Normal, plantar), Liver (benign), Liver (HCC), Neuroendocrine tumor, Appendix (inflamed) | \$40.00/slide | \$80.00/slide     |

## IMMUNOHISTOCHEMISTRY (IHC/IF)

| Services                                           | UW- Madison    | External/Industry |
|----------------------------------------------------|----------------|-------------------|
| IHC Single DAB, automated                          | \$60.75/slide  | \$121.50/slide    |
| IHC Single DAB, automated + HQ enhancer            | \$72.75/slide  | \$145.50/slide    |
| IHC Single DAB, automated + Amplification kit      | \$75.75/slide  | \$151.50/slide    |
| IHC Single DAB, automated + HQ + Amplification kit | \$91.00/slide  | \$182.00/slide    |
| IHC, single non-DAB chromogen (teal, purple, red)  | \$68.25/slide  | \$136.50/slide    |
| IHC Multiplex Dual, automated                      | \$118.50/slide | \$237.00/slide    |
| IHC Multiplex Triple, automated                    | \$168.50/slide | \$337.00/slide    |
| IHC Multiplex Quad, automated                      | \$216.25/slide | \$432.50/slide    |
| Opal detection IHC-IF, Single                      | \$94.25/slide  | \$188.50/slide    |
| Opal detection IHC-IF, Dual                        | \$151.50/slide | \$303.00/slide    |
| Opal detection IHC-IF, Triple                      | \$208.75/slide | \$417.50/slide    |
| Opal detection IHC-IF, Quad                        | \$266.00/slide | \$532.00/slide    |
| Opal detection IHC-IF, 5-plex                      | \$323.25/slide | \$646.50/slide    |
| Opal detection IHC-IF, 6-plex                      | \$380.50/slide | \$761.00/slide    |

## IMMUNOHISTOCHEMISTRY (MATERIALS)

| Services                                    | UW- Madison  | External/Industry |
|---------------------------------------------|--------------|-------------------|
| Counterstain Slide for Spectral Library     | \$5.00       | \$10.00           |
| Autofluorescence Slide for Spectral Library | \$5.00       | \$10.00           |
| Spectral Library Construction               | \$69.50      | \$139.00          |
| Antibody provided by TRIP (if available)    | \$5.00/slide | \$10.00/slide     |

## IN SITU HYBRIDIZATION (ISH/FISH)

| Services                      | UW- Madison    | External/Industry |
|-------------------------------|----------------|-------------------|
| ISH RNAscope, single (Brown)  | \$56.50/slide  | \$113.00/slide    |
| ISH RNAscope dual (Red/Green) | \$76.25/slide  | \$152.50/slide    |
| FISH RNAscope, Single         | \$72.00/slide  | \$144.00/slide    |
| FISH RNAscope, Dual           | \$96.50/slide  | \$93.00/slide     |
| FISH RNAscope, Triple         | \$121.00/slide | \$242.00/slide    |
| FISH RNAscope, Quad           | \$145.50/slide | \$291.00/slide    |

**IHC and ISH prices do not include the cost of the antibodies, probes, or ACD RNAscope kits.  
Projects requiring non-standard reagents will be charged accordingly.**

## MOLECULAR SERVICES

| Services                                                                                                                       | UW- Madison                     | External/Industry               |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------|
| DNA Extraction from FFPE Samples*<br>(Promega Maxwell 16, automated)                                                           | \$29.50/sample                  | \$59 .00/sample                 |
| RNA Extraction from FFPE Samples*<br>(Promega Maxwell 16, automated)                                                           | \$27.25/sample                  | \$54.50/sample                  |
| RNA Extraction from FFPE Samples*<br>(Qiagen manual extraction):<br>Recommended for Spatial Omics QC, nCounter, and Sequencing | \$38.75/sample                  | \$77.50/sample                  |
| DNA Extraction from Fresh Tissue*<br>(Promega Maxwell 16, automated)                                                           | \$27.00/sample                  | \$54.00/sample                  |
| RNA Extraction from Fresh Tissue*<br>(Promega Maxwell 16, automated)                                                           | \$31.25/sample                  | \$62.50/sample                  |
| RNA QC (Concentration, DV200/RIN, Absorb Ratio):<br>Standard ScreenTape Assay (25-500ng/ul)<br>1-15 samples                    | \$132.75                        | \$265.50                        |
| RNA QC (Concentration, DV200/RIN, Absorb Ratio):<br>High Sensitivity ScreenTape Assay (Low Conc)<br>1-15 samples               | \$160.00                        | \$320.00                        |
| Cell Line Authentication – human pelleted cells                                                                                | \$114.25/sample                 | \$228.50/sample                 |
| Cell Line Authentication – human DNA                                                                                           | \$95.75/sample                  | \$190.5/sample                  |
| Tissue collection                                                                                                              | <a href="#">See table below</a> | <a href="#">See table below</a> |
| Retrieve/return/store blocks & slides                                                                                          | \$1.00/block                    | \$2.00/block                    |

**\*There is an additional charge for tissue collection: curls, biopsy punch, macrodissection**

| Tissue Collection Services                                                            | UW- Madison | External/Industry |
|---------------------------------------------------------------------------------------|-------------|-------------------|
| FFPE Curls/block (max. 8 curls)                                                       | \$7.00      | \$14.00           |
| FFPE Curls/block (max. 9-20 curls)                                                    | \$15.50     | \$31.00           |
| FFPE Curls/block (exhaust block)                                                      | \$30.00     | \$60.00           |
| Biopsy Punch/block (max. 3 punches/block)                                             | \$12.00     | \$24.00           |
| Targeted Macrodissection (max. 10 sections/block):<br>requires an H&E (see histology) | \$12.50     | \$25.00           |
| Microcentrifuge Tube Storage Box                                                      | \$6.00      | \$12.00           |

**Additional charges will be applied for use of additional materials.**

## SPATIAL-OMICS & MOLECULAR PROFILING SERVICES

| Services                                                                                    | UW- Madison     | External/Industry |
|---------------------------------------------------------------------------------------------|-----------------|-------------------|
| GeoMx DSP (Digital Spacing Profiler) with nCounter Readout <i>Project</i>                   | Custom estimate | Custom estimate   |
| GeoMx DSP (Digital Spacing Profiler) with Next Generation Sequencing (NGS) Readout Project  | Custom estimate | Custom estimate   |
| GeoMx DSP rental for sample collection, 1 – 96 well plate                                   | \$1,365.00      | \$2,065.00        |
| GeoMx DSP rental for one optimization run (morphology markers)                              | \$195.00        | \$295.00          |
| GeoMx DSP: ROI pre-placement by TRIP staff, per hour (includes instrument rental and labor) | \$94.50/hour    | \$189.00/hour     |
| GeoMx DSP Data Analysis Workstation, per hour                                               | \$25.00/hour    | \$50.00/hour      |
| Paraffin sectioning, custom - GeoMx                                                         | \$4.00/section  | \$8.00/section    |
| Paraffin sectioning, custom - GeoMx TMA sectioning & mapping                                | \$10.00/section | \$20.00/section   |
| Visium CytAssist Spatial Gene Expression (TRIP/Biotech) <i>Project</i>                      | Custom estimate | Custom estimate   |
| Visium CytAssist prep/slide: includes H&E Stain and 20X Aperio scan                         | \$57.50/slide   | \$115/slide       |
| Visium v1: Paraffin sectioning, custom                                                      | \$4.00/section  | \$8.00/section    |
| Xenium prep/slide                                                                           | \$30/slide      | \$60/slide        |
| MERSCOPE prep/slide                                                                         | \$40/slide      | \$80/slide        |
| nCounter Molecular Profiling Project                                                        | Custom estimate | Custom estimate   |
| nCounter RNA Molecular Profiling System rental (Standard)                                   | \$686.00/run    | \$1,190.00/run    |
| nCounter RNA Molecular Profiling System rental (High Sensitivity and 555)                   | \$719.50/run    | \$1,255.00/run    |
| nCounter Protein Molecular Profiling System rental (Standard)                               | \$845.00/run    | \$1475.00/run     |
| nCounter Multiomics Molecular Profiling System rental (Standard)                            | \$1004/run      | \$1760/run        |

**\*Prices do not include proprietary materials and reagents specific to a project.**

## IMAGING & IMAGE ANALYSIS SERVICES

| Imaging Systems                                                          | UW- Madison   | External/Industry |
|--------------------------------------------------------------------------|---------------|-------------------|
| Vectra Multispectral Scope System (Instrument time/hour) – TRIP use only | \$100.00/hour | \$200.00/hour     |
| Vectra Multispectral Scope System – Labor                                | \$69.50/hour  | \$139.00/hour     |
| Nuance Multispectral Scope System (Instrument time/hour) self-service*   | \$30.00/hour  | \$60.00/hour      |
| Nuance Multispectral Scope (Instrument time/hour) – TRIP Labor           | \$69.50/hour  | \$139.00/hour     |
| Aperio whole slide scan, 20X                                             | \$7.25/slide  | \$12.50/slide     |
| Aperio whole slide scan, 40X                                             | \$8.50/slide  | \$14.00/slide     |
| Aperio whole slide scan, 20X large format slide (1.5x3in or larger)      | \$18.75/slide | \$30.00/slide     |
| Aperio whole slide scan, 40X large format slide (1.5x3in or larger)      | \$24.75/slide | \$39.00/slide     |

| Image and Data Analysis                                              | UW- Madison   | External/Industry |
|----------------------------------------------------------------------|---------------|-------------------|
| inForm/Nuance Imaging Software Analysis Workstation (self-service) * | \$30.00/hour  | \$60.00/hour      |
| External Hard Drive 1T-2T for imaging/image analysis                 | custom        | custom            |
| Training - Assistance provided by Pathologist*                       | \$200.00/hour | \$400.00/hour     |
| Training - Assistance provided by TRIP*                              | \$69.50/hour  | \$139.00/hour     |

\* User must be trained by TRIP staff prior to placing reservations in iLab calendar.  
Schedule equipment training via e-mail: [trip@pathology.wisc.edu](mailto:trip@pathology.wisc.edu)

## FEE-FOR-USE EQUIPMENT

**Equipment Usage:** Unless otherwise noted, user provides reagents and consumables.  
**Training** will only be done by TRIP personnel at \$69.50.00 per hour.

| Fee-for-use Equipment/Software                                                                                                                                                              | Models and/or Components | Room    | UW- Madison   | External/Industry |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------|---------------|-------------------|
| <b>Histology</b>                                                                                                                                                                            |                          |         |               |                   |
| Nikon Microscope Object Marker Tool rental<br><a href="https://neurophysics.ucsd.edu/Manuals/Nikon/Object%20Marker.pdf">https://neurophysics.ucsd.edu/Manuals/Nikon/Object%20Marker.pdf</a> | Nikon MBW10010           | L2/2214 | \$15.00/week  | \$30.00/week      |
| <b>Molecular</b>                                                                                                                                                                            |                          |         |               |                   |
| DNA Speed Vac                                                                                                                                                                               | DNA120                   | L2/2062 | \$25.00/usage | \$50.00/usage     |

### LIST OF AVAILABLE HUMAN CONTROL TISSUE

| Human Tissue                          | # Cases | Types of Tissue                                                                                                                                                                                                                                                                                                      |
|---------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Adrenal</b>                        | 7       | Normal, Adenoma, Pheochromocytoma                                                                                                                                                                                                                                                                                    |
| <b>Aorta</b>                          | 1       | Aneurysm, Atherosclerosis                                                                                                                                                                                                                                                                                            |
| <b>Angiosarcoma</b>                   |         | High grade Sarcoma                                                                                                                                                                                                                                                                                                   |
| <b>Appendix</b>                       | 3       | Normal, inflamed, appendicitis                                                                                                                                                                                                                                                                                       |
| <b>Bladder</b>                        | 6       | TCC Invasive, TCC Focal Invasive, Benign, CIS, TCC, Invasive Carcinoma, Normal, High-Grade Cancer                                                                                                                                                                                                                    |
| <b>Bowel</b>                          |         | (see also Intestine)                                                                                                                                                                                                                                                                                                 |
| <b>Bone</b>                           | 1       | Normal (1), Chondrosarcoma (Primary (1) & Met to Kidney (1)                                                                                                                                                                                                                                                          |
| <b>Brain</b>                          | 8       | Autopsy (3) – Includes: Cerebellum, Hippocampus, Spinal cord.<br>Glioma (1) - Astrocytoma-High Grade, Neuronal Degeneration<br>(NDG – Positive for Tau-RD3/4 –TRIP IHC control only),<br>p-TDP-43 (TRIP IHC positive control only)                                                                                   |
| <b>Breast</b>                         | 31      | Benign, Normal, Cyst, Fibro-Adipose Tissue, Ductal Carcinoma, DCIS, Lobular, Invasive Lobular Carcinoma, Invasive Ductal, Invasive Carcinoma, Carcinoma, IDCIS, borderline HER2 <sup>+</sup> , ER <sup>+</sup> PR <sup>+</sup> , ER <sup>+</sup> PR <sup>-</sup> , ER <sup>-</sup> PR <sup>-</sup> HER2 <sup>-</sup> |
| <b>Cardiac</b>                        | 2       | Includes Cardiac, Artery, and Nerve. Fibrosis                                                                                                                                                                                                                                                                        |
| <b>Cecum</b>                          | 1       | Normal                                                                                                                                                                                                                                                                                                               |
| <b>Cervix</b>                         | 2       | Normal, Cancer HPV <sup>+</sup> p16 <sup>+</sup>                                                                                                                                                                                                                                                                     |
| <b>Colon</b>                          | 19      | (1) Carcinoma, Colitis, Benign, Normal, Ulcerative Colitis, Carcinoma with Polyp, Met to Liver (see liver)                                                                                                                                                                                                           |
| <b>EBV<sup>+</sup></b>                | 1       | Epstein Barr Virus <sup>+</sup>                                                                                                                                                                                                                                                                                      |
| <b>Endometrium</b>                    | 6       | Carcinoma, Stromal Sarcoma, Adenomyosis, Undifferentiated Ca, Benign Endometrium, Benign Myometrium (see Uterus)                                                                                                                                                                                                     |
| <b>Fallopian Tube</b>                 | 1       | Normal                                                                                                                                                                                                                                                                                                               |
| <b>GIST</b>                           | 5       | GI Stromal Tumor                                                                                                                                                                                                                                                                                                     |
| <b>HPV<sup>+</sup>p16<sup>+</sup></b> | 1       | (See Cervix)                                                                                                                                                                                                                                                                                                         |
| <b>Heart</b>                          |         | (See Cardiac)                                                                                                                                                                                                                                                                                                        |
| <b>Intestine</b>                      | 5       | Cecum (1) – Normal<br>Jejunum (1) -Normal<br>(IBD) Inflammatory Bowel Disease (1)<br>Small Bowel (1) – Normal<br>Small Intestine: T-cell Lymphoma (1)– (see sm int block)                                                                                                                                            |
| <b>Jejunum</b>                        | 1       | Normal                                                                                                                                                                                                                                                                                                               |
| <b>Kidney</b>                         | 13      | Cystic RCC, Benign, Clear RCC, mixed RCC, Chromophobe RCC, Met Chondrosarcoma, Chronic Inflammation, RCC, TFE3 <sup>+</sup> RCC, normal                                                                                                                                                                              |



| Human Tissue            | # Cases | Types of Tissue                                                                                                                                                 |
|-------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Liver                   | 21      | Normal, Epithelioid Hemangioendothelioma, Metastatic Colorectal Carcinoma, Mild Steatohepatitis; Benign w/ Chronic Hepatitis, HCC 80%, Benign Embo              |
| Lung                    | 10      | Bronchial epithelium, lung parenchyma, bronchus, anthracotic pigment, Normal, Carcinoma, Adenocarcinoma 30-70%, COPD                                            |
| Lymph node              | 8       | Carcinoma, Squamous Cell Carcinoma (SCC), Normal, Hodgkin's Disease, Non-Hodgkin's, Benign                                                                      |
| Lymphoma                | 6       | B-cell Lymphoma (2) – 90-100%<br>Large Cell Lymphoma (1)<br>Mantle Cell Lymphoma (1): spleen<br>T-Cell Lymphoma (1): small intestine<br>Testicular Lymphoma (1) |
| MCL                     | 1       | Mantle cell lymphoma: spleen                                                                                                                                    |
| Melanoma                | 5       | Metastatic (4), Primary (1)                                                                                                                                     |
| Muscle                  | 2       | Normal Skeletal, Normal from prostate block (1)                                                                                                                 |
| Mucus                   | 1       | Mucinous Carcinoma                                                                                                                                              |
| Myometrium              | 2       | (See Endometrium and Uterus)                                                                                                                                    |
| Nose                    | 1       | Nasal Poly                                                                                                                                                      |
| Neuroendocrine          | 2       | Neuroendocrine Cancer (60-100%)                                                                                                                                 |
| Omentum                 | 1       | Normal                                                                                                                                                          |
| Ovary                   | 14      | Normal, High-Grade Met (see Met block), Serous Carcinoma, Normal: Pre-Menopausal, Normal: Post-Menopausal, Carcinoma (30%)                                      |
| Pancreas                | 6       | Normal, Carcinoma, Benign, Primary Adenocarcinoma, Primary Adenocarcinoma Mets to Liver (see Met Liver block)                                                   |
| Placenta                | 4       | Normal                                                                                                                                                          |
| Prostate                | 14      | HGPIN, HGPIN (GS) 3+3, Hyperplasia, Carcinoma, BPT, PCa (GS) 3+3, PCa (GS) 2+2, PCa + sv (GS) 3+4, BPH: stromal, BPH: glandular, PCa (GS) 3+4,                  |
| Salivary Gland          | 5       | Salivary Gland w/ Benign Tonsil (tonsil block), Salivary Gland w/ Normal Oral Mucosa (oral mucosa block)                                                        |
| Sarcoma                 | 2       | High-Grade Spindle Sarcoma, Low-Grade Fibromyxoid Sarcoma                                                                                                       |
| Skin                    | 9       | Normal, w/ Nevus, w/ Granulation tissue, Plantar/Palmar surface                                                                                                 |
| Squamous Cell Carcinoma | 2       | From tonsil (1), Met Lymph Node (1)                                                                                                                             |
| Spinal cord             | 1       |                                                                                                                                                                 |
| Spleen                  | 9       | Mantle Cell Lymphoma (1), Normal                                                                                                                                |
| Stomach                 | 2       | Benign, Normal                                                                                                                                                  |
| Tendon                  | 1       | Tendon + some skeletal muscle                                                                                                                                   |

| Human Tissue    | # Cases | Types of Tissue                                                                                                                                   |
|-----------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Testes          | 2       | Lymphoma, Normal                                                                                                                                  |
| Thrombus        | 1       |                                                                                                                                                   |
| Thymus          | 1       | Thymoma                                                                                                                                           |
| Thyroid         | 17      | Hashimoto Thyroid, Benign, Normal, Lymphatic Thyroiditis, Adenomatoid Nodule Thyroid, FV- PTC, Carcinoma, Follicular Adenoma, Nodular Hyperplasia |
| Tongue          | 8       | Normal, SCC                                                                                                                                       |
| Tonsil          | 13      | Normal, Benign, Benign w/ salivary gland, Squamous Cell Carcinoma (see SCC block)                                                                 |
| Uterus          | 16      | Normal, Carcinoma, Benign, Leiomyoma, Endometrial Carcinoma, Benign Endometrium, Benign Myometrium, Uterine wall                                  |
| Vascular tissue | 1       | Atherosclerosis, Synovium                                                                                                                         |
| Vulva           | 1       |                                                                                                                                                   |

You do not need IRB approval to purchase human control tissue sections.

### LIST OF AVAILABLE **RODENT** CONTROL TISSUE

| Rodent Tissue | # Cases | Types of Tissue |
|---------------|---------|-----------------|
| Mouse         | 1       | Brain           |
| Mouse         | 1       | Liver           |
| Mouse         | 3       | Lung            |
| Mouse         | 1       | Skin            |
| Mouse         | 2       | Spleen          |