



## TRIPath FEE Schedule

(Effective 1/1/2020)

### CONSULTATIONS & START-UP FEES

Project Service Fee	UW	External/Industry
General Project Set-Up Fee*	\$75.00	\$150.00
IHC single stain projects incur a per antibody fee	\$10.00/antibody	\$20.00/antibody
IHC multiplex projects incur a per antibody fee	\$56.00/antibody	\$112.00/antibody
ISH Project Set-Up Fee	\$150.00	\$300.00
Clinical Trials Set-Up Fee	\$300.00	\$600.00

*\*Changes in project scope or direction may trigger additional labor fees at \$56.00/hour for UW clients and \$112/hour for industry/external clients*

TRIP staff is available for project consults and for general troubleshooting of histology, molecular, and immunohistochemistry related concerns. Consultations lasting over 15 minutes will be invoiced at \$56.00/hour for UW clients and \$112/hour for industry/external clients

Pathologist consults 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/ In Situ Hybridization p. 4
- Molecular Services: p. 5
- Imaging Services: p. 6
- Fee-For-Use Equipment: p. 7
- Control Tissue Slides Available: p.8-9



### HISTOLOGY SERVICES

Services	UW- Madison	External/Industry
Process & Embed	\$7.75 +50% if manual processing	\$15.50 +50% if manual processing
Re-embed	\$4.75	\$9.50
Paraffin Sectioning	\$2.25 First section /block, \$1.25 ea. add'l, +20% custom	\$4.50 First section /block, \$2.50 ea. add'l, +20% custom
RNase-free Technique Sectioning Fee (per batch)	\$7.00	\$14.00
Tissue Decalcify	\$2.75	\$5.50
Frozen Tissue Prep (per sample)	\$10.25	\$20.50
Frozen Sectioning	\$3.25 First section /block, \$1.25 ea. add'l, +20% for custom	\$6.50 First section /block, \$2.50 ea. add'l, +20% for custom
Re-coverslip	\$4.00	\$8.00
H&E Stain - Paraffin (stain only)	\$8.75	\$17.50
H&E Stain - Frozen (stain only)	\$5.00	\$10.00
Special Stain I (See table below)	\$9.50	\$19.00
Special Stain II (See table below)	\$15.50	\$31.00
Special Stain III (See table below)	\$20.25	\$40.50
Slide Carriers: 2X, 5X, 25X, 100X	\$0.50 \$1.00 \$5.25 \$9.25	\$1.00 \$2.00 \$10.50 \$18.50
Retrieve/return/store blocks & slides	\$1.00/block	\$2.00/block

Special Stain I	Special Stain II	Special Stain III
Alcian Blue pH 2.5	PAS	GMS
Elastic	Gram	Lester King/Bielchowsky
TolBlu Mast Cell	Gomori's Trichrome	Reticulin
PBR	Masson's Trichrome	
Cresyl Violet	Weil Myelin	
Picrosirius Red	Ziehl-Nielsen/AFB	
	LFB	

For any stain 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	\$170.25 Set up first block per project, \$86.25 per add'l block	\$340.50 Set up first block per project, \$172.50 per add'l block
TMA Core Punches for TMA Creation	\$7.50 each	\$15.00 each
Tissue Microarray Sections (TSB Inventory): Breast; Colorectal and anal; Head and neck; Lung; Ovarian; Pancreatic and Thyroid cancers	For more information please go to: <a href="https://cancer.wisc.edu/research/resources/tsb/biobank/inventory-requests/">https://cancer.wisc.edu/research/resources/tsb/biobank/inventory-requests/</a>	
Retrieve/return/store blocks & slides	\$1.00/block	\$2.00/block
Unstained Control FFPE Tissue – per section* <b>(For tissue types, see Table on pages 8-9)</b>	\$7.00/section, \$10.00 custom	\$14.00/section, \$20 custom
Unstained Control Tissue Microarray	<a href="#">See table below</a>	<a href="#">See table below</a>
Nikon microscope object marker tool rental <a href="https://neurophysics.ucsd.edu/Manuals/Nikon/Object%20Marker.pdf">https://neurophysics.ucsd.edu/Manuals/Nikon/</a> <a href="https://neurophysics.ucsd.edu/Manuals/Nikon/Object%20Marker.pdf">/Object%20Marker.pdf</a>	\$15.00	\$30.00

TRIP Control TMAs	UW- Madison	External/Industry
Unstained Control TMA - TRIP A	\$10.00/slide	\$20.00/slide
Unstained Control TMA - TRIP B	\$25.00/slide	\$50.00/slide
Unstained Control TMA - TRIP C	\$40.00/slide	\$80.00/slide

\*For any tissue organ/disease type of unstained FFPE sections not listed on pages 8-9 and number of cases available, contact TRIP for feasibility of obtaining and pricing.



### IMMUNOHISTOCHEMISTRY (IHC/IF)

Services	UW- Madison	External/Industry
IHC automated- standard (DAB)	\$43.50/slide	\$87.00/slide
IHC automated- enhanced/ alternate detection	\$51.50/slide	\$103.00/slide
Multiplex IHC automated- each additional antibody	\$36.50/slide	\$73.00/slide
IHC manual- standard (DAB)	\$34.75/slide	\$69.50/slide
IHC manual- enhanced/ alternate detection	\$39.50/slide	\$79.00/slide
Multiplex IHC manual- each additional antibody	\$30.50/slide	\$61.00/slide
IF manual- Alexa	\$38.25/slide	\$76.50/slide
Multiplex IF Alexa- each additional antibody	\$18.25/slide	\$36.50/slide
IF automated- OPAL	\$62.00/slide	\$124.00/slide
Multiplex IF automated OPAL- each additional	\$23.50/slide	\$47.00/slide
IF manual- OPAL	\$58.50/slide	\$117.00/slide
Multiplex IF OPAL- each additional antibody	\$37.75/slide	\$75.50/slide

### IN SITU HYBRIDIZATION (ISH/FISH)

Services	UW- Madison	External/Industry
ISH manual	\$49.25/slide	\$98.50/slide
Multiplex ISH - each additional probe	\$15.50/slide	\$31.00/slide
FISH manual	\$52.50/slide	\$105.00/slide
Multiplex FISH - each additional probe	\$20.50/slide	\$41.00/slide

IHC and ISH do not include primary antibody or probe.

ISH/FISH do not include kits.

Ability to perform automated Vs. manual IHC is project dependent.

Additional costs will be invoiced for projects requiring non-standard reagents.



### MOLECULAR SERVICES

Services	UW- Madison	External/Industry
<b>Real time qPCR and RT-qPCR (1-Step)</b>		
Labor, Ancillary materials & reagents	\$100.75/run	\$201.50/run
Kit & Primers	Custom budget estimate	Custom budget estimate
DNA from FFPE Samples on Maxwell (Tissue collection at additional charge)	\$12.50/sample	\$25.00/sample
RNA from FFPE Samples on Maxwell (Tissue collection at additional charge)	\$21.25/sample	\$42.50/sample
DNA from Fresh Tissue on Maxwell (Tissue collection at additional charge)	\$16.50/sample	\$33.00/sample
RNA from Fresh Tissue on Maxwell (Tissue collection at additional charge)	\$23.00/sample	\$46.00/sample
Short Tandem Repeat Analysis- cultured human cell lines(min. 2 million pelleted cells)	\$81.50/sample	\$163.00/sample
Short Tandem Repeat Analysis- extracted human DNA samples (min. 10ng/μl and min. vol. 10μl)	\$71.50/sample	\$143.00/sample
Sequencing, Bidirectional DNA	Custom budget estimate	Custom budget estimate
Agarose Gel Electrophoresis	\$25.00/gel	\$50.00/gel
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

Tissue Collection Services	UW- Madison	External/Industry
FFPE Curls/block (max. 6 curls)	\$4.00	\$8.00
Biopsy Punch/block (3 punches/block)	\$6.00	\$12.00
Macrodissections (max. 10 sections/block)	\$11.00	\$22.00
Microcentrifuge Tube Storage Box	\$4.00	\$8.00

Additional charges will be applied for the use of additional materials



### IMAGING SERVICES

<b>Imaging Systems:</b>	<b>UW- Madison</b>	<b>External/Industry</b>
Vectra Multispectral Scope System Time - TRIP	\$100.00/hour	\$200.00/hour
Vectra Multispectral Scope System Labor - TRIP	\$56.00/hour	\$112.00/hour
Nuance Multispectral Scope System – Usage*	\$26.50/hour	\$53.00/hour
Nuance Scope Imaging/Analysis Labor- TRIP	\$56.00/hour	\$112.00/hour
Aperio whole slide scan 20X	\$8.75/slide	\$17.50/slide
Aperio whole slide scan 40X	\$14.75/slide	\$29.50/slide
Aperio whole slide scan 20X large format slide 1.5x3in or larger	\$20.00/slide	\$40.00/slide
Aperio whole slide scan 40X large format slide 1.5x3in or larger	\$26.75/slide	\$53.50/slide

<b>Image and Data Analysis:</b>	<b>UW- Madison</b>	<b>External/Industry</b>
InForm/Nuance software station (self-service)*	\$26.50/hour	\$53.00/hour
Training/assistance provided by pathologist*	\$200.00/hour	\$400.00/hour
Training/assistance provided by TRIP*	\$56.00/hour	\$112.00/hour

**\* Training has to be requested in iLab for usage of Nuance equipment and any image analysis software before client can reserve in the iLab calendar.**



### FEE-FOR-USE EQUIPMENT

Equipment Usage: Unless otherwise noted, user provides reagents and consumables

Training will only be done by TRIP personnel at \$56.00 per hour

Fee-for-use Equipment/Software	Models and/or Components	Room	UW- Madison	External/Industry
<b>Histology</b>				
Cryostat*	Leica CM1850	L2/2214	\$25.00/hour	\$50.00/hour
Nikon microscope object marker tool rental <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	\$5.00/usage	\$10.00/usage
Eppendorf mastercycler (3)*	5345	L2/2062	\$10.00/usage	\$20.00/usage
Gel boxes & Power Sources (Agarose and TBE provided)	Various	L2/2062	\$7.50/gel	\$15.00/gel
Nanodrop Spectrophotometer*	ND-1000	L2/2062	\$5.00/ usage	\$10.00/ usage
Roche LightCycler - real time PCR*	2.0	L2/2062	\$10.00/usage	\$20.00/usage
Cytospin Centrifuge	Shandon	L2/2214	\$10.00/usage	\$20.00/usage

\* Training at \$56/hour has to be requested in iLab for usage of these equipment before client can reserve in the iLab calendar. All other equipment must be reserved in iLab prior usage.



### LIST OF AVAILABLE CONTROL TISSUE:

Human Tissue	# Cases	Types of Tissue
Adrenal	7	Normal, adenoma, pheochromocytoma
Aorta	1	Aneurysm, atherosclerosis
Angiosarcoma		High grade sarcoma,
Appendix	2	Normal, inflamed, appendicitis
Bladder	6	Tcc invasive, tcc focal, benign
B-cell lymphoma	2	
Bowel (See Intestine)		
Bone	1	Normal bone
Brain	2	Autopsy (cerebellum, hippocampus, spinal cord) and Glioma(astrocytoma-high grade)
Breast	28	Benign, normal, cyst, fibro-adipose tissue, Ductal CA, DCIS, lobular, invasive lobular, invasive ductal
Cardiac	2	
Cervix	1	Normal
Chondrosarcoma	1	
Colon	5	Carcinoma(2) colitis(2)benign(1)
DU145 cells	3	
EBER (+)	1	
EBV+	1	
Endometrium	5	Carcinoma, stromal sarcoma, adenomyosis
GIST	1	GI stromal tumor
Jejunum	1	Normal
Kidney	14	RCC cystic, Benign, RCC Clear, mixed RCC Chromophobe, met chondrosarcoma, tVE3+, normal
Leiomyoma	1	
Liver	20	Normal, epithiod hemangioendothelioma, metastatic colon cancer, mild steatohepatitis; Benign w/ Chronic Hepatitis, Hepatocellular Ca.
Lymph node	9	Carcinoma, squamous carcinoma, normal, HD, non-HD, Met. Bladder adeno
Lymphoma-B-cell	2	Lymphoma
Lymphoma-Large cell	1	Lymphoma
Lung	9	Normal, CA





### LIST OF AVAILABLE CONTROL TISSUE (Continued):

Human Tissue	# Cases	Types of Tissue
MCL	1	Mantle cell lymphoma-spleen
Melanoma	3	Metastatic
Muscle	1	Normal skeletal
Mucinous carcinoma	1	Mucinous carcinoma
Nasal Polyp	1	
Neuroendocrine cancer		Neuroendocrine cancer
Omentum	1	Normal
Ovary	15	Normal & ovarian carcinoma
Pancreas	5	Normal, carcinoma, mixture
Placenta	4	Normal
Prostate	13	BPT, PCA GS 3+3, HGPIN, Hypoplasia, PCA sv+ GS 3/4, Carcinoma
Sarcoma	2	High grade, low grade fibromyxoid sarcoma
Skin	9	Mild Chronic Inflammation, Normal, w/ nevus
Small bowel	2	Normal & Met melanoma
Squamous cell carcinoma	2	From tonsil and lymph node
Spinal cord	1	
Spleen	8	Mantle cell lymphoma and normal
Stomach	2	Benign, focus of stomach
Tendon	1	Some skeletal muscle present
Testes	1	Lymphoma
Thymoma	1	
Thymus	1	Benign thyroid tumor
Thyroid	17	Wide variety
Tongue	1	Normal, scc
Tonsil	15	"Normal"
Uterus/uterine wall	15	Normal, carcinoma, benign, leiomyoma
Vascular tissue	1	Atherosclerosis, synovium
Vulva	1	

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