Lifespan

MOLECULAR PATHOLOGY CORE LABORATORY

SERVICE & FEE SCHEDULE (Effective 02/01/15)

ArcturusXT Laser Capture Microdissection (LCM)

SERVICE	*CHARGE: Non-COBRE Investigator*	*CHARGE: COBRE Investigator*
Initial training includes LCM operation and cap handling plus 3 hr free use of LCM	$145.00 flat fee*	No charge (first 4 hours; $40.00/hour thereafter)
Unassisted Dissection	$40.00/hour*	No charge
Assisted Dissection	$65.00/hour	$65.00/hour
Slide staining/dehydration demo	$45.00/hour	$45.00/hour
Cryostat and RNAse free handling demo	$45.00/hour	$45.00/hour
-80°C storage	$11.00/box/month	$11.00/box/month
LCM blades	$2.85/blade	$2.85/blade
Special Consult Fee (Pathologist)	By arrangement with Dr. Murray Resnick	By arrangement with Dr. Murray Resnick

COBRE CCRD investigators will receive a discounted rate on services.

Non-Academic users may have access to the LCM by arrangement with the Core Director. Supplies for Laser Capture and kits for RNA extraction should be purchased directly from the manufacturers at the investigator's discretion. Lists of recommended supplies are available. Please contact Dongfang Yang, 444-5849, to arrange for training.

MX3005p Stratagene Real Time-PCR

SERVICE	*CHARGE : Non-COBRE Investigator*	*CHARGE : COBRE Investigator*
Initial Introduction	No charge	
Charge per run (assisted)	$38.50/run *	No charge
Charge per run (unassisted)	$7.00/run	No charge
Set up training with kits/reagents	$45.00*	No charge
Primer Design assist	$45.00*	No charge
Special Consult Fee (Operator)	$45.00*	No charge
SUPPLIES (20% discount off retail):		
PCR tubes – box of 120 strips of 8 tubes	$60.80	$60.80
Optical caps – box of 120 strips of 8 caps	$31.20	$31.20
QPCR SYBR green master mix – 400 X 25ul reactions	$268.00	$268.00
QPCR human reference total RNA kit	$164.00	$164.00

COBRE CCRD investigators will receive a discounted rate on services.

To avoid contamination wherever possible, investigators are expected to set up the runs in their own labs. A copy of the MX3005p software is available for installation on the investigator's computer (PC only), and it is expected that the instrument data file will be evaluated on the investigator's own computer. PCR tube strips, optical caps and SYBR Green Master Mix are available for purchase from the Core Lab at discounted price. *This instrument only accepts Stratagene caps and tubes*. Use of others will not be permitted. Please contact Dongfang Yang, 444-5849, to arrange for training or to purchase supplies.

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Aperio ScanScope/Microscopy

SERVICE	*CHARGE : Non-COBRE Investigator*	*CHARGE : COBRE Investigator*
Scanning by Aperio	$10.00/slide*, $5.00/slide for bulk scanning	$5.00/slide
Microscopy with Image Analysis	$20.90/hour	$20.90/hour
Special Consult Fee (Pathologist)	By arrangement with Dr. Murray Resnick	By arrangement with Dr. Murray Resnick
DVD (for retrieving images)	$2.00	$2.00

COBRE CCRD investigators will receive a discounted rate on services.

Please note that at present there is no training available for the image analysis software on our microscope. Investigators who are familiar with the use of ImagePro software may use it at their discretion. Please contact Renee Monahan or Dongfang Yang at 444-5849 if you need slides scanned into the Aperio ScanScope. ImageScope Viewer software is available on the web. You will need to provide a DVD to retrieve your scans. *NOTE:* Images will be stored up to one-year by the Core facility.

RNA or DNA Evaluation by Bioanalyzer

SUPPLIES	*CHARGE: Non-COBRE Investigator*	*CHARGE: COBRE Investigator*
Nanochip and Reagents (capacity 12 tests)	$34.12	$34.12
Picochip and Reagents (capacity 11 tests)	$33.56	$33.56
MicroRNA chip and reagents	Please inquire	Please inquire
DNA Chip with DNA1000 reagents	$29.56	$29.56
INSTRUMENT USAGE:		
Usage charge per chip	$37.50*	No charge
Nanodrop 2000 usage per event	$3.00	$3.00

COBRE CCRD investigators will receive a discounted rate on services.

Contact for Bioanalyzer: Dongfang Yang, 444-5849

Tissue MicroArrays (TMA)

SERVICE	*CHARGE*
Create TMA block (area of interest identified)	$2.00 per punch
Create TMA block with tissue provided by investigator (area of interest not identified)	$250.00/block (plus $2.00 per punch)
Custom TMA with tissue provided from Lifespan Tissue Bank (consultation, design, and construction)	$600.00/block (plus $2.00 per punch)
Orientation/Set-up of TMA	$25.00/block
H&E Slide from TMA block	$20.00/slide
Unstained Slide from TMA block (applies when block is provided by department; for blocks provided by PI a $2.47/slide sectioning charge will apply)	$100.00/slide (non-COBRE); $50/slide (COBRE)
Consult and evaluation of results	By arrangement with Dr. Murray Resnick

Contact for Tissue Microarrays: Loli Noble, pager 350-0632

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Tissue Bank

SERVICE	*CHARGE*
Special tissue pick-up (transport from OR)	$11.00
Special storage in freezer	$11.00/box/month
BANK TISSUES	
OCT block (0.5 gm tissue)	By arrangement with Dr. Murray Resnick
Cryovial (0.5-1 gm tissue)	By arrangement with Dr. Murray Resnick
Frozen Tissue Specimens	$50.00 (non-COBRE); $25.00 (COBRE)

Contact for tissue availability: Loli Noble, pager 350-0632

Immunohistochemistry

SERVICE	*CHARGE*
Staining method: *(prices may vary depending on source and price of primary antibody)*	
Ventana	$10.50/slide
Envision+	$6.44/slide
ABC (Vector)	$6.44/slide
PAS Stains	$10.00/slide (automated platform)
Trichrome Stains	$10.00/slide (automated platform)
For PAS and Trichrome Stains: Processing: Technical: H&E Stains:	 $8.00/run (up to 140 specimens) $25.03/hour (for 1-140 specimens) $1.90/slide (automated platform)
Basic set-up (1 antibody)	$38.50/run (up to 10 slides/run)
Each additional antibody	$12.10/run
IHC slide blades	$2.70/blade
IHC slide box (for mailing slides)	$15.00/box
Consult/Training (Operator)	$45.00/hour

Contact: Dongfang Yang or Kara Lombardo, 444-5849

Histology

SERVICE	*CHARGE*
Frozen Tissue Sections	$11.00 for block preparation and $2.50/slide
H&E Stains	$4.50/slide (each additional slide $2.00)
Sectioning/Paraffin	$4.00/slide (each additional slide $2.00)
Paraffin Processing/Embedding	$5.20 standard; $8.20 large
Cryostat Training	$45.00/hour
Cryostat Usage	$15.00/hour. *Note:* Users can either bring their own slides/blades or will be charged an additional fee if supplied by the Core.

Contact: Loli Noble, 444-5849

Bioinformatics/Statistical Analyses

SERVICE	*CHARGE*
Special Consult	$50.00/hour

Contact: Dr. Alex Brodsky, 444-1649

Other Service Fees

SERVICE	*CHARGE $44.00: Dr. Ian Krop, Inv. 10/31/14*
Block or Slide Retrieval	$4.00/case

CONTACTS

MOLECULAR PATHOLOGY CORE LAB		Aldrich-6	444-5849
Murray Resnick, M.D., Ph.D.	Director, MP Core	APC 12	444-4380
Evgeny Yakirevich, M.D.	Co-Director, MP Core & Director, Tissue Bank	APC-11	444-2780
Alexander Brodsky, Ph.D.	Molecular Pathology/ Bioinformatics	Aldrich-6	444-1649
Dongfang Yang	Molecular Pathology	Aldrich-6	444-5849
Kara Lombardo	Molecular Pathology	Aldrich-6	444-5849
Loli Noble	Tissue Bank	Bridge-3	444-5428; Pager 350-0632
Laura Gantt	Billing/Administration	APC-12	444-8528

Fee Agreement

I agree to the above stated fee schedule. Applicable charges will be billed to the account/cost center listed below.

I agree to credit the Lifespan Molecular Pathology Core Laboratory for any work published which results from the services provided by the Core.

Please reference the following statement:

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Name/Principal Investigator (Print):_____

Principal Investigator (Signature):_____ Date:_____

Department:_____

Cost Center/Account to bill:_____

Other user:_____ Phone number:_____

E-mail:_____

Other user:_____ Phone number:_____

E-mail:_____

Other user:_____ Phone number:_____

E-mail:_____

Please return to: **Laura Gantt, Rhode Island Hospital/Pathology, APC-12/135**
593 Eddy Street, Providence, RI 02903