

Core Pathology Lab

Services

Tissue Blocks: the Core Pathology Laboratory staff are able to make tissue blocks and sections in:

- Paraffin
- Frozen
- Plastic (bone, metal, polymer)

Lab staff can also analyze chemical stains, for example:

- Hematoxylin and Eosin; H.E _____ (Histopathological diagnosis)
- Masson's Trichrome; M.T _____ (tissue fibrosis)
- Movat Pentchrome; M.P _____ (elastic fiber, collagen, mucins)
- Verhoeff-Van Gieson; VVG/EVG _____ (elastic fiber, collagen)
- Alcian Blue _____ (mucin)
- Von Kossa _____ (calcification)
- Congo Red _____ (amyloid)
- Oil red O _____ (native lipid)
- Periodic Acid Schiff; PAS _____ (glycogen, glycoproteins, glycolipids, mucins)
- Picro Sirius Red; PSR _____ (collagen)
- Herovici's Collagen Stain _____ (mature and younger collagen)
- Toluidine Blue _____ (Mast cells)
- Silver stain _____ (neuron)

Diagnosis and Analysis: Lab staff are able to complete histopathology diagnosis, experimental analysis, and can perform Immunohistochemistry (IHC), Immunofluorescence (IF) and double IHC or IF stains in:

- Culture cells,
- Paraffin-section
- Frozen-section

User Fees

A modest user fee will be charged to Core Pathology Lab users based on usage with an alternative payment plan available for frequent users.

Hourly Payment Plan

Equipment	Hourly Charge (primary members of the Libin Institute)	Hourly Charge (associate or non-members of the Libin Institute)
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Tissue Processor Leica ASP300 S	\$20 / hr	\$40 / hr
Heated Paraffin Embedding Module Leica EG1150 H	\$15 / hr	\$30 / hr
Cold Plate for Modular Tissue Embedding System Leica EG1150 C	\$15 / hr	\$30 / hr
Fully Automated Rotary Microtome Leica RM2255	\$15 / hr	\$30 / hr
Research Cryostat Leica CM3050 S	\$15 / hr	\$30 / hr
Olympus SZ61 Zoom Stereo Microscopy	\$15 / hr	\$30 / hr
Olympus BX53 Fluorescence Microscopy	\$15 / hr	\$30 / hr
Olympus BX60 Microscopy	\$15 / hr	\$30 / hr
<p><i>Billing will occur on a quarterly basis:</i></p> <p><i>April to June, July to September, October to December, January to March</i></p>		

Alternative Payment Plan

Annual Unlimited Use Contribution	\$1,500.00 / yr (primary members of the Libin Institute)
	\$3,000.00/yr (associate or non-members of the Libin Institute)
<p><i>Billing will occur on an annual basis; April 1 to March 31.</i></p> <p><i>Please note: For PIs who contribute later than April 30th, this usage fee will be pro-rated (\$125/month)</i></p>	

User Agreement

All users must fill out a [User Agreement](#) (also available directly from the Core Pathology Lab) prior to submitting samples.

Contact

For more information, please contact:

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