

Rhode Island Hospital Core Research Laboratories

Transmission Electron Microscope

Service	10/10 to 9/11	10/11 to 9/12
Fixation, dehydration, embedding w/Spurr, Epon, or L.R.White (10 specimens/run maximum)		
First specimen	85.20	88.60
Each additional specimen	12.00	12.50
Lowicryl resin (5 specimens/run maximum)		
First Specimen	119.60	124.30
Each additional specimen	14.20	14.80
Thick sectioning routine block (1μ sections on slides)		
First slide	11.20	11.60
Each additional slide: same block and depth	3.00	3.10
Each additional slide: same block but deeper	7.50	7.80
Thick sectioning non routine block (per hour)	41.70	43.40
Thin sectioning (~60nm sections/block)	31.30	32.60
Heavy metal staining (set/block)	18.60	19.30
Pre and post-embedding routine histochemical staining		
First specimen	47.90	49.80
Each additional specimen	9.70	10.10
Pre and post-embedding non-routine histochemical staining		
First specimen	83.70	87.00
Each additional specimen	10.10	10.50
Negative staining (per hour)	41.80	43.50
Special preparation procedures:		
Pellet preparation: isolated cells		
• First specimen	49.30	51.30
• Each additional specimen	8.60	8.90
Vibratome (per hour)	41.80	43.50

Electron Microscopic Examination (per hour)		
Assisted	83.70	87.00
Unassisted	55.30	57.50
Routine printing (EM negatives)		
Full sheet 8"x10":		
Original micrograph	7.80	8.10
Reprints	6.70	7.00
Duplicates	2.40	2.50
Routine printing (EM negatives)		
Half sheet (5"x7")		
First print	6.10	6.30
Duplicates	1.90	2.00
Routine printing (EM negatives)		
Quarter sheet (4"x 5" or 3.5"x 5")		
First print	5.40	5.60
Duplicates	1.70	1.80
Non routine printing (tray developing of prints: publication quality prints; negatives other than EM.)		
First print (up to 8"x10")	10.80	11.20
Duplicates (up to 8"x 10")	6.30	6.60
Negatives only; no prints, per negative	1.20	1.20
Trimming and mounting of prints (per hour)	41.70	43.40
Technical assistance for miscellaneous procedures (per hour)	41.70	43.30
Unassisted use of ancillary equipment (per hour)	22.40	23.30
Ultramicrotome		
Vibratome		
Darkroom		

Histology

Paraffin processing and embedding		
Standard block	5.00	5.20
Oversize block	8.20	8.50
Glycol methacrylate processing and embedding (per block)	11.80	12.30
Methyl methacrylate processing and embedding (per block)		
Standard block	41.80	43.50
Oversize block	62.80	65.30
Decalcification (per specimen), standard block		
• First specimen	10.00	10.40
• Each additional specimen in same batch	5.50	5.70
Decalcification (per specimen), oversize block		
• First specimen	17.90	18.60
• Each additional specimen in same batch	9.70	10.10

Paraffin sectioning, standard block		
First slide	3.80	4.00
Each additional slide from the same block	2.20	2.30
Paraffin sectioning, oversize block		
First slide	6.70	7.00
Each additional slide from the same block	3.40	3.50
Methyl methacrylate sectioning, standard block		
First slide	12.60	13.10
Each additional slide from the same block	5.50	5.70
Methyl methacrylate sectioning, oversize block		
First slide	18.70	19.40
Each additional slide from the same block	9.70	10.10
Frozen sectioning		
Block preparation and first slide	11.80	12.30
Each additional slide from same block	2.30	2.40
Staining, Hematoxylin & Eosin (H&E)		
First slide in batch	4.80	5.00
Each additional slide from the same batch	1.80	1.80
Special histochemical procedures, category I		
First slide in batch	12.60	13.10
Each additional slide from the same batch	6.00	6.20
Special histochemical procedures, category II		
First slide in batch	22.40	23.30
Each additional slide from the same batch	9.60	10.00
Immunohistochemistry		
Basic set-up charge (per run)	47.80	49.70
Additional charge per antibody (waived if customer provides antibodies)	14.90	15.50
Additional charge per slide	3.00	3.10
Lectin Histochemistry		
Basic set-up charge (per run)	47.80	49.70
Additional charge per lectin	6.70	7.00
Additional charge per slide	3.00	3.10
Cytologic Procedures		
Cell block preparation	22.40	23.30
Smear preparation	7.80	8.10
<i>Cytospin preparation</i>		
• First slide	9.60	10.00
• Additional slide in same batch	3.80	4.00
Photography/Photomicrography		
Gross photography and copy stand work (per hour)	41.80	43.50
Photomicrography (per hour) (cost of film, developing and printing is additional)	41.80	43.50
Technical assistance for miscellaneous procedures (per hour)	41.80	43.50
Unassisted use of ancillary equipment (per hour)	22.40	23.30
Microtome		
Cryostat		

Sharpening/reconditioning of microtome knives (per knife)	20.90	21.80
Container charges		
25-slide plastic box	3.70	3.80
100-slide plastic box	14.90	15.50

Flow Cytometry

FACSort		
• Data acquisition (per sample)	5.70	5.90
• Computer analysis (per hour)	41.70	43.40
FACSVANTAGE		
• Sterile sort initial set up	106.60	110.90
• Non-sterile sort initial set up	71.10	73.90
• Sort (per hour)	75.00	78.00

Digital Imaging & Analysis

Digital Imaging/Confocal Microscopy/Image Analysis		
Image acquisitions, processing and analysis (per hour)	47.90	49.80
• Digital cameras		
• Flatbed scanner		
• Nikon Coolscan		
• Confocal microscope		
• Image and data processing, analysis		
• Densitometry		
• System analysis and design		
• Live cell imaging (24hr)	104.00	108.20
Unassisted use of ancillary equipment (per hour)	23.90	24.90
Various computers		
Epson10000XL Expressions scanner		
Nikon Coolscan		
Nikon E800 upright microscope		
Nikon T2000 inverted microscope		