

**Department of Neurology**
**Division of Neuromuscular Disease**
**Shin J. Oh Muscle and Nerve Histopathology Laboratory**

Laboratory Address (Specimen Delivery):

Sparks Center 427

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**Director: Eroboghene E. Ubogu, M.D. Board certified in Neurology, Clinical Neurophysiology, Electrodiagnostic Medicine, Neuromuscular Medicine ([ubogu@uab.edu](mailto:ubogu@uab.edu))**
**Laboratory Manager (Technical enquiries): Tina Anderson, B.S., H.T. (A.S.C.P.) ([tinaanderson@uabmc.edu](mailto:tinaanderson@uabmc.edu))**
**Division Administrator (Billing enquiries): Sandi Mumfrey-Thomas. ([smumfrey@uabmc.edu](mailto:smumfrey@uabmc.edu))**

### Histopathology Laboratory Fee Schedule (Effective October 2017)

TEST	Complete Processing and Interpretation	Tissue Processing Only	Sectioning/Staining/Interpretation	Consultation Only (External Slides)
<b>MUSCLE (COMPLETE)</b>	<b>\$2100.00</b>	\$955.20	\$1828.80	\$1086.00
MUSCLE (FROZEN only: Complete Panel)	\$1572.00	\$662.40	\$1496.40	\$960.00
MUSCLE (Paraffin only: Complete Panel)	\$892.80	\$460.80	\$648.00	\$288.00
<u>SLIDES (frozen sections: 2 slide minimum, with 2 sections/slide. For additional slides, halve price listed per slide)</u>				
Hematoxylin & Eosin	\$78.20	\$32.90	\$74.30	\$47.50
Muscle morphometry	\$100.00	N/A	\$100.00	\$100.00
Modified Gomori Trichrome	\$112.20	\$47.80	\$105.20	\$67.30
Myosin ATPase (reverse or acid)	\$156.40	\$65.60	\$148.60	\$95.00
Myosin ATPase (alkaline)	\$156.40	\$65.60	\$148.60	\$95.00
Nicotinamide adenine dinucleotide (NADH)	\$130.30	\$54.70	\$123.80	\$79.20
Acid Phosphatase	\$111.20	\$46.70	\$105.70	\$67.70
Succinyl dehydrogenase (SDH)	\$91.20	\$38.30	\$86.60	\$55.40
Cytochrome oxidase (COX)	\$106.80	\$44.90	\$101.50	\$64.90
Succinyl dehydrogenase (SDH)/ Cytochrome oxidase (COX)	\$195.50	\$82.10	\$185.80	\$118.80
Oil Red O	\$65.20	\$27.40	\$61.90	\$39.60
Periodic Acid Schiff (PAS)	\$169.40	\$71.20	\$161.00	\$103.00
Glycogen phosphorylase	\$91.20	\$38.30	\$86.60	\$55.40
Congo Red	\$91.20	\$38.30	\$86.60	\$55.40
Crystal Violet	\$85.90	\$36.10	\$81.60	\$52.20
Additional stains/slides	\$130.30	\$54.70	\$123.80	\$79.20

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SLIDES (Paraffin sections: 2 slide minimum, with 2 sections/slide. For additional slides, halve price listed per slide)

Hematoxylin & Eosin	\$73.00	\$27.60	\$69.10	\$47.50
Modified Gomori Trichrome	\$103.40	\$39.10	\$97.90	\$70.20
Acid Phosphatase	\$104.40	\$39.50	\$98.80	\$70.80
Congo Red	\$85.20	\$32.30	\$80.60	\$55.40
Crystal Violet	\$80.30	\$30.40	\$76.00	\$52.20
Additional stains	\$121.70	\$46.10	\$115.2.00	\$79.20

<b>TEST</b>	<b>Complete Processing and Interpretation</b>	<b>Tissue Processing Only</b>	<b>Sectioning/Staining/Interpretation</b>	<b>Consultation Only (External Slides)</b>
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**IMMUNOHISTOCHEMISTRY (Muscle)**

Muscle Membrane Panel (Frozen) Spectrin (positive control) Dystrophin (N-terminal, mid-rod and C-terminal) Merosin Dysferlin alpha-, beta-, gamma and delta-sarcoglycan	\$1569.60	\$813.60	N/A	\$828.00
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Muscle Inflammation Panel (Frozen) Leukocyte common antigen (CD45) Monocyte/ macrophage marker CD68 T-cell markers CD3, CD4 and CD8 B-cell marker CD20	\$1180.80	\$676.80	N/A	\$568.80
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ELECTRON MICROSCOPY (Muscle)	\$399.60 (+ EM Service Charge)	\$147.60	N/A	\$255.60
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<b>NERVE (COMPLETE)</b>	<b>\$1711.20</b>	\$961.20	\$1470.00	\$834.70
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NERVE (SEMI-THIN PLASTIC only: Complete Panel)	\$781.20	\$403.20	\$608.40	\$410.40
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NERVE (Frozen only: Complete panel)	\$732.00	\$405.20	\$654.00	\$374.00
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NERVE (Paraffin sections)	\$768.00	\$473.00	\$697.40	\$328.40
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SLIDES (Semi-thin sections: 2 slide minimum with 4 sections/slide. For additional slides, halve price listed per slide)

Toluidine Blue/ Basic Fuchsin	\$781.20	\$403.20	\$608.40	\$410.40
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SLIDES (frozen sections: 2 slide minimum with 2 sections/slide. For additional slides, halve price listed per slide)

Hematoxylin & Eosin	\$67.60	\$32.30	\$63.00	\$39.40
MAB Trichrome	\$57.80	\$27.60	\$54.00	\$33.70
Acid Phosphatase	\$96.00	\$45.80	\$89.60	\$55.90
Cresyl Fast Violet	\$77.20	\$36.80	\$72.00	\$44.90
Congo Red	\$86.90	\$41.50	\$81.00	\$50.50
Crystal Violet	\$81.80	\$39.20	\$76.30	\$47.60
Periodic Acid Schiff (PAS)	\$154.30	\$73.70	\$144.00	\$89.90

**TEST**                                      **Complete Processing and Interpretation**    **Tissue Processing Only**    **Sectioning/Staining/Interpretation**    **Consultation Only (External Slides)**

SLIDES (paraffin sections: 2 slide minimum with 2 sections/slide. For additional slides, halve price per slide)

Hematoxylin & Eosin	\$75.40	\$39.80	\$70.60	\$39.40
Modified Gomori Trichrome	\$118.00	\$62.50	\$110.90	\$61.80
Congo Red	\$107.30	\$56.90	\$100.80	\$56.20
Crystal Violet	\$101.00	\$53.60	\$94.90	\$52.90
<b>IMMUNOHISTOCHEMISTRY (Nerve)</b>				
Nerve Inflammation Panel	\$1260.00	\$756.00	N/A	\$590.40
Leukocyte common antigen (CD45)				
Monocyte/ macrophage marker CD68				
T-cell markers CD3, CD4 and CD8				
B-cell marker CD20				
<b>TEASED FIBER STUDY</b>				
(10 slides with 4 teased fibers per slide)	\$651.60	\$273.60	N/A	\$385.20
<b>ELECTRON MICROSCOPY (Nerve)</b>				
Without standard processing	\$417.60 (+ EM Service Charge)	\$165.60	N/A	\$259.20
With standard processing	\$288.00 (+ EM Service Charge)	\$36.00	N/A	\$259.20

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<b>SKIN (COMPLETE)</b>	<b>\$1788.40</b>	\$892.80	N/A	\$856.80
Includes 2 patient samples (Thigh and Ankle/Foot) and 2 controls				
Epidermal Nerve Fiber Density study only	\$1365.80	\$913.10	N/A	\$991.80
(PGP 9.5 Immunohistochemistry, includes Hematoxylin & Eosin counterstain)				
<u>SLIDES (frozen section: 2 slide minimum with 2 sections/slide. For additional slides, halve price per slide)</u>				
Hematoxylin & Eosin	\$148.10	\$64.90	N/A	\$94.20
Congo Red	\$188.50	\$82.70	N/A	\$120.00
Crystal Violet	\$180.00	\$77.90	N/A	\$113.00