



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

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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, B.S.H.A. [smumfrey@uab.edu](mailto:smumfrey@uab.edu)

**Histopathology Laboratory Fee Schedule (Effective January 2015)**

CPT CODES	TEST	Complete Processing and Interpretation	Tissue Processing Only	Sectioning/Staining and Interpretation	Consultation Only (External Slides)
(See Attached)	<b>MUSCLE (COMPLETE)</b>	<b>\$1320.00</b>	\$690.00	\$1212.00	\$660.00
	MUSCLE (FROZEN only: Complete Panel)	\$981.00	\$456.00	\$927.00	\$555.00
	MUSCLE (Paraffin only: Complete Panel)	\$594.00	\$384.00	\$540.00	\$240.00
	<u>SLIDES (frozen sections: 2 slide minimum, with 2 sections/slide. For additional slides, halve price listed per slide)</u>				
88314	Hematoxylin & Eosin	\$65.20	\$27.40	\$61.90	\$39.60
88314	Modified Gomori Trichrome	\$93.50	\$39.80	\$87.70	\$56.10
88319	Myosin ATPase (reverse or acid)	\$130.30	\$54.70	\$123.80	\$79.20
88319	Myosin ATPase (alkaline)	\$130.30	\$54.70	\$123.80	\$79.20
88319	Nicotinamide adenine dinucleotide (NADH)	\$108.60	\$45.60	\$103.20	\$66.00
88319	Succinyl dehydrogenase (SDH)	\$76.00	\$31.90	\$72.20	\$46.20
88319	Succinyl dehydrogenase (SDH)/				
88319 x2	Cytochrome oxidase (COX)	\$162.90	\$68.40	\$154.80	\$99.00
88314	Oil Red O	\$54.30	\$22.80	\$51.60	\$33.00
88314	Periodic Acid Schiff (PAS)	\$141.20	\$59.30	\$134.20	\$85.80
88319	Glycogen phosphorylase	\$76.00	\$31.90	\$72.20	\$46.20
88314/88319	Congo Red	\$76.00	\$31.90	\$72.20	\$46.20
88314/88319	Additional stains/slides	\$108.60	\$45.60	\$103.20	\$66.00
	<u>SLIDES (Paraffin sections: 2 slide minimum, with 2 sections/slide. For additional slides, halve price listed per slide)</u>				
88313	Hematoxylin & Eosin	\$60.80	\$23.00	\$57.60	\$39.60
88313	Modified Gomori Trichrome	\$86.20	\$32.60	\$81.60	\$58.50
88313	Congo Red	\$71.00	\$26.90	\$67.20	\$46.20
88313/88319	Additional stains	\$101.40	\$38.40	\$96.00	\$66.00

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88342 x10	IMMUNOHISTOCHEMISTRY (Muscle) Muscle Membrane Panel (Frozen) Dystrophin (N-terminal, mid-rod and C-terminal) Spectrin (positive control) Merosin Dysferlin alpha-, beta-, gamma and delta-sarcoglycan	\$1308.00	\$678.00	N/A	\$690.00
88342 x6	Muscle Inflammation Panel (Frozen) Leukocyte common antigen (CD45) Monocyte/ macrophage marker CD68 T-cell markers CD3, CD4 and CD8 B-cell marker CD20	\$984.00	\$564.00	N/A	\$474.00
88305, 88313	ELECTRON MICROSCOPY (Muscle)	\$333.00 (+ EM Service Charge)	\$123.00	N/A	\$213.00
(See Attached)	<b>NERVE (COMPLETE)</b>	<b>\$1254.00</b>	\$774.00	\$732.00	\$468.00
	NERVE (SEMI-THIN PLASTIC only: Complete Panel)	\$651.00	\$336.00	\$507.00	\$342.00
	NERVE (Frozen only: Complete panel)	\$474.00	\$264.00	\$420.00	\$234.00
	NERVE (Paraffin sections)	\$564.00	\$354.00	\$510.00	\$234.00
	<u>SLIDES (Semi-thin sections: 2 slide minimum with 4 sections/slide. For additional slides, halve price listed per slide)</u>				
88313 x2	Toluidine Blue/ Basic Fuchsin	\$651.00	\$336.00	\$507.00	\$342.00
88314 x5	<u>SLIDES (frozen sections: 2 slide minimum with 2 sections/slide. For additional slides, halve price listed per slide)</u>				
	Hematoxylin & Eosin	\$56.30	\$26.90	\$52.50	\$32.80
	MAB Trichrome	\$48.20	\$23.00	\$45.00	\$28.10
	Cresyl Fast Violet	\$64.30	\$30.70	\$60.00	\$37.40
	Congo Red	\$72.40	\$34.60	\$67.50	\$42.10
	Periodic Acid Schiff (PAS)	\$128.60	\$61.40	\$120.00	\$74.90

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88313 x3	<u>SLIDES (paraffin sections: 2 slide minimum with 2 sections/slide. For additional slides, halve price per slide)</u>				
	Hematoxylin & Eosin	\$62.80	\$33.20	\$58.80	\$32.80
	Modified Gomori Trichrome	\$98.30	\$52.10	\$92.40	\$51.50
	Congo Red	\$89.40	\$47.40	\$84.00	\$46.80
88342 x6	IMMUNOHISTOCHEMISTRY (Nerve) Nerve Inflammation Panel Leukocyte common antigen (CD45) Monocyte/ macrophage marker CD68 T-cell markers CD3, CD4 and CD8 B-cell marker CD20	\$1050.00	\$630.00	N/A	\$492.00
88362	TEASED FIBER STUDY (10 slides with 4 teased fibers per slide)	\$543.00	\$228.00	N/A	\$321.00
	ELECTRON MICROSCOPY (Nerve)				
88313	Without standard processing	\$348.00 (+ EM Service Charge)	\$138.00	N/A	\$216.00
88305	With standard processing	\$240.00 (+ EM Service Charge)	\$30.00	N/A	\$216.00
(See Attached)	<b>SKIN (COMPLETE)</b> Includes 2 patient samples (Thigh and Ankle/Foot) and 2 controls	<b>\$1374.00</b>	\$744.00	N/A	\$714.00
	Epidermal Nerve Fiber Density study only (PGP 9.5 Immunohistochemistry, includes Hematoxylin & Eosin counterstain)	\$1138.20	\$613.20	N/A	\$597.30
	<u>SLIDES (frozen section: 2 slide minimum with 2 sections/slide. For additional slides, halve price per slide)</u>				
88305, 88314	Hematoxylin & Eosin	\$123.40	\$54.10	N/A	\$78.50
88305, 88314	Congo Red	\$157.10	\$68.90	N/A	\$100.00

**Muscle, Nerve, and Skin Histopathology Billing Codes**

**Muscle (Complete)**

88305 (x1)

88313 (x3)

88314 (x5)

88319 (x7)

**Nerve (Complete)**

88305 (x1)

88313 (x5)

88314 (x5)

88356 (x1)

**Skin (Complete)**

88305 (x1)

88314 (x4)

88342 (x2)

88356 (x2)