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HISTOLOGY/IMMUNOHISTOCHEMISTRY TEST  
REQUEST FORM

John M. Shoffner MD, Medical Director CLIA License # 11D0703390  
State of Georgia License # 044-146

Patient Name: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

Diagnosis/ICD9 Code: \_\_\_\_\_

Physician Signature: \_\_\_\_\_ Date: \_\_\_\_\_

*All samples must be shipped overnight at the proper temperature for receipt by our lab Monday - Friday (No Saturday/Sunday deliveries accepted)  
Please see our web site listed above for specimen requirements and shipping information*

**MUSCLE HISTOLOGY/HISTOCHEMISTRY: TESTING PERFORMED ON FROZEN SECTIONS. SEE INSTRUCTIONS FOR PROPER PROCESSING OF FROZEN TISSUE.**

**Routine Reactions (Frozen Tissue)**

- (HIS01) ATPase pH 4.3
- (HIS02) ATPase pH 9.4
- (HIS11) Congo Red (amyloid)
- (HIS12) Gomori-Trichrome
- (HIS04) Hematoxylin Eosin
- (HIS07) NADH

**Metabolic Myopathy (Frozen Tissue)**

- (HIS51) Acid phosphatase
- (HIS49) Alkaline phosphatase
- (HIS03) Cytochrome c oxidase
- (HIS48) Cytochrome c oxidase/Succinate reductase
- (HIS05) Myoadenylate deaminase
- (HIS06) Myophosphorylase
- (HIS14) Periodic Acid Schiff (Glycogen)
- (HIS08) Phosphofructokinase
- (HIS13) Oil Red O (lipid)
- (HIS09) Succinate dehydrogenase

**MUSCLE IMMUNOHISTOCHEMISTRY: TESTING PERFORMED ON FROZEN SECTIONS. SEE INSTRUCTIONS FOR PROPER PROCESSING OF FROZEN TISSUE.**

**Muscular Dystrophy/Hereditary Myopathy (Frozen Tissue)**

- (HIS28) Dystrophin
- (HIS40)  $\alpha$ -sarcoglycan (adhalin) (Limb Girdle 2D)
- (HIS41)  $\beta$ -sarcoglycan (Limb Girdle 2E)
- (HIS43)  $\gamma$ -sarcoglycan (Limb Girdle 2C)
- (HIS42)  $\delta$ -sarcoglycan (Limb Girdle 2F)
- (HIS27) Dysferlin (Limb Girdle 2B, Myoshi myopathy)
- (HIS31) Merosin ( $\alpha$ 2-laminin) (Congenital muscular dystrophy, leukodystrophy)
- (HIS29) Emerin (Emery-Dreifuss Muscular Dystrophy)
- (HIS20) Actin (congenital myopathy, nemaline myopathy)

PLEASE SEE OUR WEBSITE AT [WWW.MNGLAB.COM](http://WWW.MNGLAB.COM) FOR SPECIMEN COLLECTION, PROCESSING, & SHIPPING INFORMATION - PDF FILE ONLINE FOR DETAILED INSTRUCTIONS.

**MUSCLE IMMUNOHISTOCHEMISTRY: TESTING PERFORMED ON PARAFFIN SECTIONS. SEE INSTRUCTIONS FOR PROPER PROCESSING OF FORMALIN FIXED TISSUE.**

**Autoimmune Myopathy/Muscular Dystrophy/Myopathy/ Inclusion Body Myositis (Frozen Tissue)**

- (HIS21) C5b9 (membrane attack complex)
- (HIS30) Major Histocompatibility Complex I

**Mitochondrial Diseases (Formalin Fixed Tissue)**

- (HIS15-19, 33-39) Oxidative phosphorylation subunits (Subunits of Complexes I, II, III, IV, V)

**Myopathy (Formalin Fixed Tissue)**

- (HIS26) Desmin (Desmin myopathy, cardiomyopathy)

**Autoimmune Myopathy/Muscular Dystrophy/Myopathy (Formalin Fixed Tissue)**

- (HIS50) CD4+ T Lymphocytes
- (HIS24) CD8+ T Lymphocytes
- (HIS22) CD68+ Macrophages
- (HIS23) CD79+ B cells
- (HIS32) Neural cell adhesion molecule
- (HIS46) Vimentin

**Inclusion Body Myositis (Formalin Fixed Tissue)**

- (HIS44) SMI 31
- (HIS45) Ubiquitin
- (HIS25)  $\alpha$ B Crystallin
- (HIS24) CD8+ T Lymphocytes
- (HIS22) CD68+ Macrophages
- (HIS23) CD79+ B cells
- (HIS32) Neural cell adhesion molecule
- (HIS46) Vimentin

**MUSCLE SLIDE CONSULTATION**

- (HIS10) SLIDE CONSULTATION ONLY

*Histo case #:*

