MUSCLE / NERVE / SKIN BIOPSY REQUEST FORM

Neuromuscular Clinical Laboratory: Alan Pestronk, M.D., Director Washington University School of Medicine - Neurology Department Web Page: https://neuromuscular.wustl.edu/over/labdis.html

Referring Institution	PATIENT NAME	
Requesting physician : Name Signature	Sex Age Birth date	
Address: Report to	Dates: Biopsy performed	
ADDRESS CITY, STATE, ZIP	Biopsy received	
PHONE & FAX #	WU-NM Lab: Accession #	
PATIENT BILLING INFORMATION: Attach copy of insuranceInsurance Company: Name:Phone aPolicyholder: Name:Date of BinPatient location: [] Inpatient; [] OutpatientInsurance autInstitutional Billing: Provide billing contact name & phone nu	#: ID & Group #: th: Relationship to Patient: thorization # Account #	
Clinical Data: Diagnosis, History, Indication		
Procedure Data: Specimens & Site biopsied		
Surgeon		
TESTS REQUESTED: Histochemical & Immunocytochemical stains are usually performed on frozen, unfixed tissue.		
 Standard Histochemistry: Performed on all biopsies [] MUSCLE: H&E X 2, NADH, GT, ATPase pH 9.4 4.6 & 4.3, VvG, Congo Red, Periodic Acid Schiff, Cytochrome Oxidase, Succinic Dehydrogenase, Amyl [] NERVE Frozen sections: H&E, GT, Congo Red, Alkaline & Acid Phosphata: NEUROPATHOLOGY provides additional nerve biopsy information in a sej [] SKIN Frozen sections: H&E, PGP 9.5, CD3; [] Congo Red; [] Sweat Gland 	o-phosphorylase, AMPDA, Morphometry se, VvG, ATPase pH4.3, Neurofilament, NCAM, P0, MBP, Toluidine blue (fixed tissue) parate report.	
$\label{eq:strophies} \begin{array}{l} \textbf{Dystrophies} & (Methods: Immunocytochemistry (IHC) or Western blot (WB)) \\ [] \textbf{Dystrophy panel: Dystrophin (4 epitopes); Sarcoglycans (\alpha, \beta, \delta, \gamma); Desmin; Individual tests: [] Sarcoglycans (\alpha, \beta, \delta, \gamma) (IHC); [] Sarcoglycans (WB); [] C \\ [] Dystrophin (N terminus; Rod (Exons 46 & 50); C-terminus) (IHC); [] Dystrophin (IHC); [] Laminin \alpha 2 (IHC); [] Collagen VI & IV (IHC); [] MYH2 (IH \\ [] Dysferlin (IHC & WB); [] Calpain-3 (WB); [] VCP (IHC); [] LAMP-2 (IHC);] \end{array}$	Caveolin-3 (IHC); phin (WB + IHC); [] α-Dystroglycan (IHC); C); [] Myosin types (IHC x3); [] Emerin (IHC); [] Phalloidin (IHC); [] Lamin A/C & Sun-2 (IHC); [] SMI-31 (IHC); [] α-Actinin	
Immune myopathy panel: [] MHC Class I; Ulex; Decorin; SMI-31; C5b-5		
Aggregate panel: [] Desmin; VCP; TDP-43; Caveolin-3; Ubiquitin proteins Biochemistry Performed at Washington University Neuromuscular Lab.		
Biochemistry Performed at Washington University Neuromuscular Lab EX Mitochondrial oxidative enzymes []: Activity (Complexes I, II, II + III, III, IV, C Glycogen pathways: [] Glycogen + Acid Maltase; [] Glycogen degradation (P	itrate synthase) + Coenzyme Q10; [] Complex I-V Western blot	

INSTRUCTIONS

Hand carried fresh tissue: Wrap in moist (saline) gauze; Do not immerse in saline or fixative

Mailed tissue: NOTES - Laboratory only open Monday through Friday; Send by overnight mail for early next day delivery
 Method A. Freeze one piece of tissue in isopentane cooled with liquid nitrogen; Fix a 2nd piece, or
 Method B. Wrap biopsy specimens in moist (saline) gauze. Place in sealed plastic container. Send on cold packs. Do not freeze.
 Requirements for forwarding tissue to from our Neuromuscular lab to other labs: Extra specimen (200 mg); Clinical & Billing information;
 Approval #; Patient release, signed; Completed requisition from testing lab; Amount of tissue needed for testing; Shipping address, information & form

SHIPPING ADDRESSES

FedEx or UPS overnight: Frozen (on dry ice) or Fresh biopsy (with ice pack)	Local Hand Delivery: Fresh or Frozen
SHIPPING/MAILING ADDRESS Neuromuscular Laboratory IWJ 404; Box 8111 660 South Euclid Avenue St. Louis, MO 63110 USA	STREET LOCATION Neuromuscular Laboratory Irene Walter Johnson Institute, Room 404 509 South Euclid Avenue St. Louis, MO 63110 USA
Phone: 314-362-2406; FAX: 314-362-3413; e-mail nmlab@wustl.edu	CAP# 19233-16 : CLIA ID# 26D0652044 : Medicare Provider # 26-8235
Turn around time: ~3 to 4 weeks; Call for urgent preliminary interpretation	pestronka@neuro.wustl.edu Revised 10/17/2022 AP