

Patient ID SA00119942	Patient Name TESTINGRNV, MBX	Birth Date 1950-03-10	Gender M	Age 69
Order Number SA00119942	Client Order Number SA00119942	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Apr 2019 00:00		

Muscle Path Consult

Case Number MR-19-11

Interpretation

MCR

Left Quadriceps

Frozen Sections:

The muscle fiber diameters vary from about 20 to 100 micrometers. There is a mild increase of internal nuclei. Scattered fibers are regenerating. A mild inflammatory exudate is present that focally surrounds and in places invades nonnecrotic muscle fibers. Rare fibers are regenerating. There is a mild-to-moderate increase in perimysial fibrous and fatty connective tissue. Fascia overlying one segment of the specimen shows no abnormality. A single fiber displays a ring formation. Very rare fibers harbor small vacuoles rimmed by membranous material.

An NADH dehydrogenase reacted section shows a normal distribution of enzyme activity in individual fibers. A combined succinate dehydrogenase reacted section reveals one or two cytochrome c oxidase negative fibers. An ATPase reacted section (pH not legible on the label) suggests grouping of the type 1 fibers. A nonspecific esterase reacted section shows no distinct abnormality. Congo red stained sections viewed under rhodamine optics reveal no congophilic deposits.

Paraffin Sections:

The muscle fibers vary from about 25 to 100 micrometers in diameter. Sparse mononuclear cells are detected at some endomysial sites and perimysial sites. Rare fibers are necrotic or regenerating.

Diagnosis:

1. Inflammatory myopathy, mild, possibly inclusion body myositis.

Comments:

In the absence of congophilic deposits, the diagnosis of inclusion body myositis cannot be made with confidence.

Participated in the Interpretation

MCR

John Doe, M.D.

Report electronically signed by

MCR

Jennifer Pettengill

I verify that I have examined all relevant slides/materials for the specimen(s) and rendered or confirmed the diagnosis.

Material Received

MCR

XX18-100, Medical Center, biopsy date 8-30-18, 17 muscle biopsy slides received.

Documents attached to the submitted slides were reviewed.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292



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Disclaimer

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This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Received: 19 Apr 2019 11:12

Reported: 19 Apr 2019 11:20

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MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292