

Patient ID SA00120242	Patient Name TESTINGRNV, MBX	Birth Date 1978-10-27	Gender F	Age 40
Order Number SA00120242	Client Order Number SA00120242	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 03 May 2019 10:10		

Muscle Path Consult

Case Number MR-19-14

Interpretation

MCR

Frozen Sections:

The muscle fibers vary approximately from 10 to 100 micrometers in diameter. Fibers smaller than 25 micrometers are infrequent and occur singly. One or two fibers are subdividing by splitting, but they seem to be close to a myotendinous junction. Necrotic and regenerating fibers are absent. Inflammatory changes are also absent. The connective tissue elements are unremarkable.

In NADH dehydrogenase reacted sections, scattered fibers have small irregular decreases of enzyme reactivity. Succinate dehydrogenase reacted sections yield no additional information. In cytochrome c oxidase reacted sections, two fibers are cytochrome c oxidase negative, and one is partially depleted of enzyme reactivity. ATPase reacted sections are too faint to assess fiber type distribution or faded. A couple of fibers in the region of the section seem to have a mild increase in PAS reactivity which is digested by diastasis. The muscle fiber lipid content is normal. Sections reacted for nonspecific esterase have faded. Congo red stained sections viewed under rhodamine optics show no congophilic deposits.

Diagnosis:

No diagnostic abnormalities.

Comments:

There is no evidence for a myopathy in the available specimen. Please note that due to lack of muscle fiber subtype differentiation, reinnervation cannot be excluded. There is no evidence for an inflammatory myopathy in the available specimen.

Participated in the Interpretation

MCR

Interpreted by: Joe Doe

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.

Gross Description

MCR

Three specimens of fresh red muscle measuring 2.5 cm x 0.8 cm x 0.7 cm, 1.7 cm x 1.1 cm x 0.6 cm and 1.4 cm x 0.9 cm x 0.5 cm were received.

Material Received

MCR

S19-100, 2-20-2019, (2 slides).

Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905



Patient ID SA00120242	Patient Name TESTINGRNV, MBX	Birth Date 1978-10-27	Gender F	Age 40
Order Number SA00120242	Client Order Number SA00120242	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 03 May 2019 10:10		

Disclaimer

MCR

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: 07 May 2019 09:05

Reported: 07 May 2019 09:23

Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905