



Patient ID SA00105591	Patient Name VALIDATIONTESTING, TESTINGSPBX	Birth Date 1960-04-20	Gender F	Age 57
Order Number SA00105591	Client Order Number SA00105591	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 01 Apr 2018 12:00		

Epidermal Nerve Fiber Density

Case Number PR-18-164

Interpretation

MCR

Skin Biopsy - Epidermal Nerve Fibers/mm Evaluation Interpretation The epidermal nerve fiber density is severely reduced consistent with the clinical suspicion of small fiber neuropathy. There are no significant interstitial abnormalities.

Diagnosis

A. Left Distal Leg

1. Epidermal Nerve Fibers: Density severely reduced.
2. Interstitial: No significant interstitial abnormalities.

B. Left Mid Thigh

1. Epidermal Nerve Fibers: Density severely reduced.
2. Interstitial: No significant interstitial abnormalities.

Results

A. Left Distal Leg

1. Epidermal Nerve Fibers/1 mm length of 0.05 mm sections: Mean 0.2; 95% CIs 0.1, 0.5. The estimated 2.5th value for site, age, and gender is 2.5. For 5th percentile it is 2.8.
2. Interstitial: No significant abnormalities of note on H and E. No amyloid is seen on Congo red stain.

B. Left Mid Thigh

1. Epidermal Nerve Fibers/1 mm length of 0.05 mm sections: Mean 0.5; 95% CIs 0.3, 0.8. The estimated 2.5th value of site, age, and gender is 4.0. For 5th percentile it is 4.6.
2. Interstitial: No significant abnormalities of note on H and E. No amyloid is seen on Congo red stain.

Participated in the Interpretation

MCR

Interpreted by: JOSEPH JAEKEL

Report electronically signed by

MCR

KRISTA SHOLES

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

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



Patient ID SA00105591	Patient Name VALIDATIONTESTING, TESTINGSPBX	Birth Date 1960-04-20	Gender F	Age 57
Order Number SA00105591	Client Order Number SA00105591	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 01 Apr 2018 12:00		

Gross Description

MCR

A. Skin punch biopsy designated as left distal leg is received in PLP (Paraformaldehyde/Lysine/Periodate) measuring 1.0 cm x 1.0 cm. Specimen is cut and reacted with PGP 9.5. The remainder of the specimen is embedded into paraffin and is cut and stained with HandE and Congo red.

B. Skin punch biopsy designated as left dorsal foot is received in PLP (Paraformaldehyde/Lysine/Periodate) measuring 1.0 cm x 1.0 cm. Specimen is cut and reacted with PGP 9.5. The remainder of the specimen is embedded into paraffin and is cut and stained with HandE and Congo red.

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: 05 Apr 2018 20:41

Reported: 06 Apr 2018 12:56

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