

Patient ID J0001245	Patient Name TESTING, RFCWT	Birth Date 2000-01-02	Sex M	Age 23
Order Number J0001245	Client Order Number J0001245	Ordering Physician	Report Notes	
Account Information C7028845 DLMP Jacksonville		Collected 28 Aug 2023 00:00		

Renal Pathology Tissue Consult, MCF

Case Number KF-23-199

Interpretation

MCF

FINAL DIAGNOSIS

Native kidney, biopsy (C78-987; 08/28/2023):

1. This line is for RFCWT testing for client work.

COMMENT

This line is for RFCWT testing for client work.

MICROSCOPIC DESCRIPTION

LIGHT MICROSCOPY: Tissue submitted for light microscopy (HandE, PAS, trichrome, Johns methenamine silver stain, and serial sections) consists of two fragment(s) of kidney parenchyma including 50% cortex and 50% of medulla with a sample of two glomeruli, of which two are globally sclerosed. The glomeruli show testing passed.

TUBULES AND INTERSTITIUM: This line is for RFCWT testing for client work.

VESSELS: This line is for RFCWT testing for client work.

IMMUNOFLUORESCENT HISTOLOGY: Tissue submitted contains two glomeruli, of which none are sclerosed. Direct immunofluorescence shows no evidence of staining of IgG, IgA, IgM, C3, C1q, kappa and lambda light chain in the glomeruli, tubular basement membranes or interstitium. Controls show appropriate expression.

ELECTRON MICROSCOPY: Tissue submitted contains two glomeruli, of which none is globally sclerosed. Ultrastructural evaluation demonstrates glomerular basement membranes with normal thickness and architecture. There is no significant effacement of podocyte foot processes. Electron-dense deposits and fibrils are not present in the glomeruli, tubular basement membranes or interstitium.

CLINICAL INFORMATION

This line is for RFCWT testing for client work.

LLT/Itt

Diagnosis was made via digital imaging .

Electron Microscopy Grid image capture performed at Mayo Clinic, Birdsell Building, 4500 San Pablo Road, Jacksonville, FL 32224; CLIA LAB License #10D2272872

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCF	Mayo Clinic Jacksonville Clinical Lab	4500 San Pablo Rd, Jacksonville, FL 32224	Jeffrey Dlott MD	10D0269502



Patient ID J0001245	Patient Name TESTING, RFCWT	Birth Date 2000-01-02	Sex M	Age 23
Order Number J0001245	Client Order Number J0001245	Ordering Physician	Report Notes	
Account Information C7028845 DLMP Jacksonville		Collected 28 Aug 2023 00:00		

Participated in the Interpretation

MCF

May O. Testing, MD

Report electronically signed by

MCF

LISA THOMAS

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

Gross Description

MCF

Received in formalin for light microscopy: two piece(s) of tissue measuring 4.0 cm. The specimen is submitted for routine histology in cassette A1.

Received in Zeus for immunofluorescence: two piece(s) of tissue measuring 4.0 cm.

Received in glutaraldehyde/Trumps for electron microscopy: two piece(s) of tissue measuring cm.

Also received are 0 stained slide(s), 0 unstained slide(s), and 0 block(s) for review. LLT/lt

Material Received

MCF

C78-987; collected 08/28/2023
Kidney

- 1 - Formalin 10% wet tissue
- 1 - Michel/Zeus wet tissue
- 1 - Gluta/Trumps wet tissue

Disclaimer

MCF

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: 28 Aug 2023 11:38

Reported: 28 Aug 2023 14:38

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCF	Mayo Clinic Jacksonville Clinical Lab	4500 San Pablo Rd, Jacksonville, FL 32224	Jeffrey Dlott MD	10D0269502