

Patient ID SA00120226	Patient Name TESTINGRNV, ABN POX	Birth Date 1967-04-04	Gender F	Age 52
Order Number SA00120226	Client Order Number SA00120226	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 02 May 2019 12:00		

Fatty Acid Profile, Peroxisomal, S

C22:0 95.4 nmol/mL	MCR Reference Value ≤96.3	Phytanic Acid 7.11 nmol/mL	MCR Reference Value ≤9.88
C24:0 91.0 nmol/mL	MCR Reference Value ≤91.4	Pristanic/Phytanic 0.23 ratio	MCR Reference Value ≤0.39
C26:0  3.26 nmol/mL High	MCR Reference Value ≤1.30	Comment 1 MCR	
C24:0/C22:0 0.95 ratio	MCR Reference Value ≤1.39	The patient is a 52 year old female. In this sample, the concentration of C26:0 and the C26/C22 ratios were abnormal. According to a discriminating function reported to more accurately segregate heterozygous individuals from normal controls (see: Moser et al. Ann Neurol 1999, 45: 100-110), these results and the calculated value of the discriminating function (5.1; reference range: <5) are indicative of possible heterozygosity for X-linked adrenoleukodystrophy (X-ALD). If a diagnosis of a peroxisomal disorder is eventually established, methods to evaluate therapies of these disorders are coordinated at the Kennedy Krieger Institute in Baltimore, MD (Tel. 443-923-2750; Fax 443-923-2775; e-mail raymond@kennedykrieger.org) and at the Mayo Clinic in Rochester, MN (Tel. 507-284-3372; email renaud.deborah@mayo.edu).	
C26:0/C22:0  0.034 ratio High	MCR Reference Value ≤0.023	ADDITIONAL INFORMATION Gas Chromatography-Mass Spectrometry (GC-MS) Stable Isotope Dilution Analysis	
Pristanic Acid 1.62 nmol/mL	MCR Reference Value ≤2.98		
		Received: 03 May 2019 13:19	Reported: 03 May 2019 13:28

Laboratory Notes

- 1 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.

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