

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB 5/15/2016
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Carbohydrate Deficient Transferrin for Congenital Disorders of Glycosylation (CDG)

ARUP test code 2002918

CDG - Reason for Referral

SEE NOTE
RESULT: CONGENITAL DISORDERS OF GLYCOSYLATION

Mono-oligo/Di-oligo Ratio 0.03 (Ref Interval: <=0.06)

A-oligo/Di-oligo Ratio 0.010 (Ref Interval: <=0.011)

Tri-sialo/Di-oligo Ratio 0.03 (Ref Interval: <=0.05)

Apo CIII-1/Apo CIII-2 Ratio 1.13 (Ref Interval: <=2.91)

Apo CIII-o/Apo CIII-2 Ratio 0.20 (Ref Interval: <=0.48)

CDG - Interpretation

SEE NOTE
Normal result. This finding is not consistent with a congenital disorder of glycosylation (CDG), particularly not the deficiencies of phosphomannomutase 2 (PMM2; CDG type Ia) and phosphomannose isomerase (PMI; CDG Ib). Please note that some newborn patients with these disorders intermittently normalize their transferrin glycoform pattern and may escape diagnosis. If the patient's clinical presentation is highly suggestive of a CDG, consider sending another sample to repeat the analysis in 6 to 10 weeks.

-----ADDITIONAL INFORMATION-----
Affinity Chromatography-Mass Spectrometry (MS)
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.

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

CDG - Reviewed By

SEE NOTE

RESULT: Dietrich Matern, M.D., Ph.D.

Test Performed by:

Mayo Clinic Laboratories - Rochester Main Campus

200 First Street SW, Rochester, MN 55905

Lab Director: William G. Morice M.D. Ph.D.; CLIA# 24D0404292

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
CDG - Reason for Referral	23-092-100683	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Mono-oligo/Di-oligo Ratio	23-092-100683	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
A-oligo/Di-oligo Ratio	23-092-100683	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Tri-sialo/Di-oligo Ratio	23-092-100683	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Apo CIII-1/Apo CIII-2 Ratio	23-092-100683	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Apo CIII-0/Apo CIII-2 Ratio	23-092-100683	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
CDG - Interpretation	23-092-100683	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
CDG - Reviewed By	23-092-100683	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at: