

Patient: WULF, MATTHEW
Pt. No.: (00000)BF6989
Account: 00000602671
DOB: 12/03/1997 Age: 6 YRS Sex: M
Location: LENC - LENOX BAKER MPDC
DUAP ID:
Attending Dr: KOEBERL, DWIGHT DUDLE
FINAL REPORT

MISCELLANEOUS

COLLECT DATE: 08/02/04 TIME: 1227
MISCELLANEOUS ORDER: BLOOD SPECIMEN
PLEASE FEEL FREE TO CONTACT THE LABORATORY DIRECTLY WITH ANY QUESTIONS.

TEST REFERRED TO MAYO MEDICAL LABORATORY
TEST PERFORMED BY ESOTERIX ENDOCRINOLOGY.
4301 LOST HILLS RD.
CALABASAS HILLS, CA 91301

COLLECT DATE: 08/02/04 TIME: 1225
MISCELLANEOUS ORDER: BLOOD SPECIMEN
VERY LONG CHAIN FATTY ACIDS

Table with 2 columns: Patient Results and values. Rows include C26:0 ug/mL (1.210), C26:1 ug/mL (0.640), PHYTANIC ACID ug/mL (8.730), PRISTANIC ACID ug/mL (2.590), C22:0 ug/mL (4.920), C24:0 ug/mL (8.140), C22:1(N-9) ug/mL (0.720), C24/C22 (1.654), C26/C22 (0.246).

Table with 5 columns: Reference Data, Normal Controls, ALD HOMOZYGOTE, ALD HETROZYGOTE, ZWELLWEGER SYNDROME. Rows include C26:0 ug/mL, C26:1 ug/mL, PHYTANIC ACID ug/mL, PRISTANIC ACID ug/mL, C22:0 ug/mL, C24:0 ug/mL, C22:1n9 ug/mL, C24/C22, C26/C22.

METHOD: CAPILLARY GAS CHROMATOGRAPHY/MASS SPECTROSCOPY OF PENTAFLUOROBENZYL BROMIDE FATTY ACIDS ESTERS

INTERPRETATION:
AS PART OF THE PLASMA TOTAL LIPID FATTY ACID PROFILE WE ADDED THIS REPORT TO SHOW COMPARISON DATA FOR THE VERY LONG CHAIN FATTY ACIDS. THE AMOUNTS OF C26:0, C26:1, PHYTANIC AND PRISTANIC ACIDS AND THE RATIOS OF C24/C22 AND C26/C22 ARE HIGHER THAN NORMAL. RESULTS ARE CONSISTENT WITH A DEFECT IN PEROXISOMAL FATTY ACID OXIDATION.

f = Footnotes, * = Out of Reference Range