



DEPARTMENT OF PATHOLOGY L471
3181 SW SAM JACKSON PARK ROAD
PORTLAND, OR 97201-3098
PHONE: (503) 494-7383
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PATIENT INFORMATION:

WULF, MATTHEW A
1389488
11M
M

REFERRED BY:

ROBERT D. STEINER
CDRC-F

PAGE: 1

STEINER, ROBERT D.
11/04/98 2013

ROUTINE CHEMISTRY

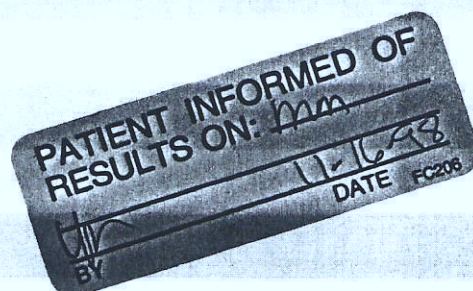
TEST NAME	NORMALS	UNITS	11/04/98 D(1120)	6/9/98	3/9/98
LIVER SET					
ALBUMIN SERUM	2.7-5.0	GM/DL	4.6		
TOTAL BILI	0.2-1.2	MG/DL	0.3		
DIRECT BILI	0.0-0.3	MG/DL	0.1		
ALK PHOS	85-270	U/L	333 H	339	757
AST (SGOT)	24- 47	U/L	173 H	376	464
ALT (SGPT)	5-30	U/L	137. H	271	232

(END OF REPORT)

11/4 liver transaminases still elevated
but less so than previously

Belter
R Steiner

cc: Joyce Wulf



Oregon Health Sciences University
Biochemical Genetics Laboratory BH2029
Portland OR 97201
(503) 494-8392, Fax (503) 494-7645

Name: WULF, MATTHEW
BD: 12/03/97
SD: 02/20/98 1445
Sample: P42383P

Acct#: XXXXXXXXXX
UNIT#: 01389488

PHYSICIAN: TERRY, A/Beatty, M *RS*
LOCATION: UHS-Peds Day Surgery
DIAGNOSIS: Failure to thrive
MEDICATIONS: Not Listed
RECEIVED: 02/20/98 Room Temp; Trans; 1525; CP 2/20 1459

Phy#: 9571
Loc#: 14X

VERY LONG CHAIN FATTY ACIDS IN PLASMA BY GC/MS

	PATIENT	COMPARISON DATA Normal	ALD Hemizygote	ALD Heterozygote
C24 / C22	1.6142	0.84 +- 0.08	1.63 +- 0.20	1.20 +- 0.24
C26 / C22	0.3251	0.01 +- 0.01	0.07 +- 0.02	0.04 +- 0.02
C26 ug/ml	2.4390	0.33 +- 0.18	1.62 +- 0.87	0.82 +- 0.32

COMMENTS:

Very abnormal and consistent with a peroxisomal disorder such as ALD or one of the multiple peroxisomal deficiency syndromes. See also plasma phytanic acid analysis.

Test:067-0077

M. Kennaway
K. Michael Gibson, Ph.D., Laboratory Director
Robert D. Steiner, M.D., Medical Director
Nancy G. Kennaway, Ph.D., Consultant
Markus Grompe, M.D., Clinical Consultant

*RS ✓
Parents
in clinic*

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(503) 494-8392, Fax (503) 494-7645

Name: WULF, MATTHEW
BD: 12/03/97
SD: 03/09/98 1450
Sample: P42607P

Acct#: XXXXXXXXXX
UNIT#: 01389488

PHYSICIAN: STEINER, ROBERT

Phy#: 23981

LOCATION: CDRC-Metabolic

Loc#: 900

DIAGNOSIS: Failure to thrive; r/o Infantile phytanic acid storage dis.

MEDICATIONS: Not listed

RECEIVED: 03/09/98 1610 hrs;Rm temp/Transpt;logged @ CP 1545 hr

VERY LONG CHAIN FATTY ACIDS IN PLASMA BY GC/MS

	PATIENT	COMPARISON DATA Normal	ALD Hemizygote	ALD Heterozygote
C24 / C22	1.7321	0.84 +- 0.08	1.63 +- 0.20	1.20 +- 0.24
C26 / C22	0.2545	0.01 +- 0.01	0.07 +- 0.02	0.04 +- 0.02
C26 ug/ml	3.1360	0.33 +- 0.18	1.62 +- 0.87	0.82 +- 0.32

COMMENTS:

Results consistent with a peroxisomal disorder (i.e., Zellweger, Neonata ALD, infantile Refsum, etc.)

Test:067-0077

Mike Gibson
K. Michael Gibson, Ph.D., Laboratory Director
Robert D. Steiner, M.D., Medical Director
Nancy G. Kennaway, Ph.D., Consultant
Markus Grompe, M.D., Clinical Consultant

✓ parents notified

*4/3/98
cc: Dr. Layne*

PHYSICIAN
COPY

Oregon Health Sciences University
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Portland OR 97201
(503) 494-8392, Fax (503) 494-7645

Name: WULF, MATTHEW
BD: 12/03/97
SD: 06/09/98 1150
Sample: P43591P

Acct#: XXXXXXXXXX
UNIT#: 01389488

PHYSICIAN: STEINER, ROBERT
LOCATION: CDRC-Metabolic
DIAGNOSIS: Prev Dx= FTT; r/o Infantile phytanic acid storage dis.
MEDICATIONS: Not Listed
RECEIVED: 06/09/98 Room Temp; Trans; 1220

Phy#: 23981
Loc#: 900

VERY LONG CHAIN FATTY ACIDS IN PLASMA BY GC/MS

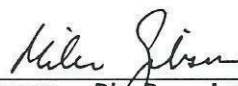
	PATIENT	COMPARISON DATA Normal	ALD Hemizygote	ALD Heterozygote
C24 / C22	1.5914	0.84 +- 0.08	1.63 +- 0.20	1.20 +- 0.24
C26 / C22	0.2957	0.01 +- 0.01	0.07 +- 0.02	0.04 +- 0.02
C26 ug/ml	0.6405	0.33 +- 0.18	1.62 +- 0.87	0.82 +- 0.32

COMMENTS:

Very long chain fatty acids are significantly elevated.

Test:067-0077

JUL 07 1998


K. Michael Gibson, Ph.D., Laboratory Director
Robert D. Steiner, M.D., Medical Director
Nancy G. Kennaway, Ph.D., Consultant
Markus Grompe, M.D., Clinical Consultant

cc: Parents

PHYSICIAN
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