



# Wuesthoff Reference Laboratory

6800 Spyglass Court  
Melbourne, Florida 32940  
Julie Bell, M.D., Laboratory Director

Patient: BERNSTEIN, SIMON  
Client Patient ID: 15-12-913  
Physician: BELL, MICHAEL

Age: 113 Sex: M  
Account#: VX39518  
Client: DIST 15 MEDICAL EXAMINER

## TOXICOLOGY

Specimen Collected :02/11/2014	Lab Order No: 381300564	Reg Date: 02/13/14
Test Name	Result	Units

Age 12 - 19 years:

50th Percentile: 0.80 mcg/dL (0.800 - 0.900)  
95th Percentile: 2.70 mcg/dL (2.30 - 2.90)

Age 20 years and above:

50th Percentile: 1.60 mcg/dL (1.50 - 1.60)  
95th Percentile: 4.60 mcg/dL (4.20 - 4.90)

\*National Health and Nutrition Examination Survey, 2001-2002 data; Third National Report on Human Exposure to Environmental Chemicals, Department of Health and Human Services, Centers for Disease Control and Prevention.

It is reported that blood levels in the range of 5 - 9 mcg/dL have been associated with adverse health effects in children aged 6 years and younger. Additionally, the following guidelines are offered by US Centers for Disease Control and Prevention, especially in respect to children:

10 - 14 mcg/dL is moderately high and may require re-screening.  
20 - 44 mcg/dL is high and may require immediate medical attention.  
45 - 69 mcg/dL requires urgent attention.  
Greater than 70 mcg/dL is a medical emergency.

Refer to OSHA's website for workplace information. Various states require that blood lead concentrations above certain mandated cutoffs must be reported to the state in which the patient resides. Please contact NMS Labs if you need assistance in supplying your state with the required information.

ARSENIC	18	mcg/L
reporting limit, reporting limit is 5.0		11

Normally: Less than 10 mcg/L.

Seafood consumption within 2 to 3 days before specimen collection can markedly increase total Arsenic levels.

Various states require that levels above certain cutoffs must be reported to the state in which the patient resides. Please contact NMS Labs if you need assistance in supplying your state with the required information.

MERCURY	4.1	mcg/L
Normally: Less than 10 mcg/L.		3.0



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Specimen Collected :02/11/2014

Lab Order No: 381300564

Reg Date: 02/13/14

Test Name	Result	Units	Cutoff/Reporting Limits
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Various States require that Blood Mercury levels above certain cutoffs must be reported to the state in which the patient resides. Please contact NMS Labs if you need assistance in supplying your state with the required information.

Specimens were intact upon receipt. Chain of custody, specimen security and integrity has been maintained. Testing has been performed as requested

Reviewed by: Susan Rader Date: 3-10-14

FINAL REPORT - THIS COMPLETES REPORTING ON THIS CASE

TOXICOLOGY REPORT

BERNSTEIN, SIMON

Form: MM Single RL1T

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