

# Sample results. Actual results may vary.

PATIENT INFORMATION

REPORT STATUS: FINAL

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CLIENT INFORMATION



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[www.accessalabs.com/Cadmium-Testing](http://www.accessalabs.com/Cadmium-Testing)

SPECIMEN INFORMATION

SPECIMEN:

DOB:

REQUISITION:

AGE:

LAB REF NO:

GENDER:

FASTING:

COLLECTED:

Clinical Info:

RECEIVED:

REPORTED:

Test Name	Result	Flag	Reference Range	Lab
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**INDUSTRIAL CADMIUM SCREEN**

01

CADMIUM, BLOOD

<0.6

< 5.1 mcg/L

01

CADMIUM, BLOOD:

OSHA Reference Range: < or = 5.0 mcg/L

Toxic Concentration: Early signs of toxicity have been observed at 30 mcg/L

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute Valencia. It has not been cleared or approved by the US Food and Drug Administration.

This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

Date of Birth

01

CADMIUM, RANDOM URINE

<1.0

mcg/g creat

01

OSHA Reference Range for Industrial Exposure:  
< or = 3.0 mcg/g creatinine

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute Valencia. It has not been cleared or approved by the US Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

B2 MICROGLOBULIN/G CREAT

246

< 301 mcg/g creat

01

OSHA Reference Range: < = 300 mcg/g creatinine

CREATININE, RANDOM URINE

97.4

20.0-370.0 mg/dL

01

OSHA CATEGORIES

# Sample results. Actual results may vary.

Biological Marker	A	B	C
=====			
Cadmium in urine (CdU) (mcg/g creatinine)	3	>3 and 7	>7
-----			
B2-microglobulin (B2-M) (mcg/g creatinine)	300	>300 and 750	>750
-----			
Cadmium in blood (CdB) (mcg/liter whole blood)	5	>5 and 10	>10
=====			
=			

Category A: Biennial medical examination and annual biological monitoring are required.

Category B: Medical examination within 90 days and semiannual

monitoring are required. Discretionary medical removal from work is indicated. (1)if the B2-M

is

above 750 mcg/g creatinine, and (2)if the urine Cd level is >3 mcg/g creatinine or the blood Cd level is >5 mcg/L

Category C: Medical examination within 90 days and quarterly monitoring are required. Mandatory removal from work exposure is necessary.

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