ARUP Laboratories
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*****Example Report*****

Patient Age/Gender: 27 years Female
Printed: 15-Sep-17 11:41:12

Procedure	Result	Units	Ref Interval	Accession	Collected	Received	Reported/ Verified
Hours Collected	24	hr		17-256-900019	13-Sep-17 08:46:00	13-Sep-17 08:47:00	13-Sep-17 10:56:32
Total Volume	1800	mL		17-256-900019	13-Sep-17 08:46:00	13-Sep-17 08:47:00	13-Sep-17 10:56:32
Creatinine, Urine - per volume	85	mg/dL		17-256-900019	13-Sep-17 08:46:00	13-Sep-17 08:47:00	13-Sep-17 10:56:32
Creatinine, Urine - per 24h	1530	mg/d	[700-1,600]	17-256-900019	13-Sep-17 08:46:00	13-Sep-17 08:47:00	13-Sep-17 10:56:32
Lead, Urine - per volume	**<5.0 H**	ug/L	[0.0-1.4]	17-256-900019	13-Sep-17 08:46:00	13-Sep-17 08:47:00	13-Sep-17 10:56:32
Lead, Urine - per 24h	Not Applicable	ug/d	[0.0-8.1]	17-256-900019	13-Sep-17 08:46:00	13-Sep-17 08:47:00	13-Sep-17 10:56:32
Lead, Urine - ratio to CRT	Not Applicable f	ug/g CRT	[0.0-1.4]	17-256-900019	13-Sep-17 08:46:00	13-Sep-17 08:47:00	13-Sep-17 10:56:32
Mercury, Urine - per volume	**<2.5 H**	ug/L	[0.0-1.9]	17-256-900019	13-Sep-17 08:46:00	13-Sep-17 08:47:00	13-Sep-17 10:56:32
Mercury, Urine - per 24h	Not Applicable	ug/d	[0.0-2.9]	17-256-900019	13-Sep-17 08:46:00	13-Sep-17 08:47:00	13-Sep-17 10:56:32
Mercury, Urine - ratio to CRT	Not Applicable f	ug/g CRT	[0.0-20.0]	17-256-900019	13-Sep-17 08:46:00	13-Sep-17 08:47:00	13-Sep-17 10:56:32
Arsenic Urine - per volume	<10.0	ug/L	[0.0-34.9]	17-256-900019	13-Sep-17 08:46:00	13-Sep-17 08:47:00	13-Sep-17 10:56:32
Arsenic Urine - per 24h	Not Applicable	ug/d	[0.0-49.9]	17-256-900019	13-Sep-17 08:46:00	13-Sep-17 08:47:00	13-Sep-17 10:56:32
Arsenic, Urine - ratio to CRT	Not Applicable f	ug/g CRT	[0.0-29.9]	17-256-900019	13-Sep-17 08:46:00	13-Sep-17 08:47:00	13-Sep-17 10:56:32

13-Sep-17 08:46:00 Lead, Urine - ratio to CRT:

Unable to accurately calculate the creatinine normalized result due to a low per volume result.

13-Sep-17 08:46:00 Mercury, Urine - ratio to CRT:

Unable to accurately calculate the creatinine normalized result due to a low per volume result.

13-Sep-17 08:46:00 Arsenic, Urine - ratio to CRT:

Unable to accurately calculate the creatinine normalized result due to a low per volume result.

13-Sep-17 08:46:00 Lead, Urine - per volume:
INTERPRETIVE INFORMATION: Lead, Urine

Quantification of urine excretion rates befoe or after chelation therapy has been used as an indicator of lead exposure. Urinary excretion of >125 mg of lead per 24 hours is usually associated with related evidence of lead toxicity.

See Compliance Statement B: aruplab.com/CS

13-Sep-17 08:46:00 Mercury, Urine - per volume:
INTERPRETIVE INFORMATION: Mercury, Urine

Urinary mercury levels predominantly reflect acute or chronic elemental or inorganic mercury exposure. Urine concentrations in unexposed individuals are typically less than 10 ug/L. 24 hour urine concentrations of 30 to 100 ug/L may be associated with subclinical neuropsychiatric symptoms and tremors. Concentrations greater than 100 ug/L can be associated with overt neuropsychiatric disturbances and tremors. Urine mercury levels may be useful in monitoring chelation therapy.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

13-Sep-17 08:46:00 Arsenic Urine - per volume:
INTERPRETIVE INFORMATION: Arsenic, Urine w/ Reflex to Fractionated

The ACGIH Biological Exposure Index (BEI) for arsenic in urine is 35 ug/L. The ACGIH BEI is based on the sum of inorganic and methylated species. For specimens with a total arsenic concentration of 35 to 2000 ug/L, fractionation is automatically performed to determine the proportions of inorganic, methylated and organic species. It may be appropriate to request fractionation for specimens with total arsenic greater than 30 ug/gCRT despite a total arsenic concentration less than 35 ug/L. If low-level chronic poisoning is suspected, the ug/gCRT ratio may be a more sensitive indicator of arsenic exposure than the total arsenic concentration.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS