Example Report

ARUP Laboratories
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Patient Age/Gender: 47 years Male Printed: 15-Mar-18 11:53:51

Procedure	Result		Units	Ref Interval	Reported/ ACCession Collected Received Verified
Creatinine, Urine - per volume	150		mg/dL		18-059-900011 14-Mar-18 28-Feb-18 14-Mar-18
					08:27:24 06:38:00 08:27:24
Hours Collected	24		hr		18-059-900011 28-Feb-18 28-Feb-18 14-Mar-18
					06:37:00 06:38:00 08:44:12
Total Volume	1250		mL		18-059-900011 28-Feb-18 28-Feb-18 14-Mar-18
10001 101000	1200				06:37:00 06:38:00 08:44:12
Creatinine, Urine - per 24h	1875		mq/d	[1 000-2 500]	18-059-900011 28-Feb-18 28-Feb-18 14-Mar-18
creatinine, office per 2 in	1075		ilig/ a	[1,000 2,500]	06:37:00 06:38:00 08:44:12
Chromium, Urine - per volume	2499.9	н	uq/L	[0.0-2.0]	18-059-900011 28-Feb-18 28-Feb-18 14-Mar-18
CIII O III Tulii Per Voi alle	2400.0		ug/ II	[0.0-2.0]	06:37:00 06:38:00 08:44:12
Chromium, Urine - per 24h	3124.9	TT	uq/d	[0.0-2.0]	18-059-900011 28-Feb-18 28-Feb-18 14-Mar-18
Chromitum, Orthe - per 24h	3124.9	п	ug/a	[0.0-2.0]	06:37:00 06:38:00 08:44:12
Character III-lan and the CDE	1666 6		/ CDE	[0 0 10 0]	18-059-900011 28-Feb-18 28-Feb-18 14-Mar-18
Chromium, Urine - ratio to CRT	1666.6	н	ug/g CRT	[0.0-10.0]	
					06:37:00 06:38:00 08:44:12

28-Feb-18 06:37:00 Chromium, Urine - per volume: INTERPRETIVE INFORMATION: Chromium, Urine

Chromium urine levels can be used to monitor short term exposure. The form of chromium greatly influences distribution. Trivalent chromium resides in the plasma and is usually not of clinical importance. Hexavalent chromium is considered highly toxic. Symptoms associated with chromium toxicity vary based upon route of exposure and dose and may include dermatitis, impairment of pulmonary function, gastroenteritis, hepatic necrosis, bleeding, and acute tubular necrosis.

The ACGIH Biological Exposure Index for daily exposure of hexavalent chromium is an increase of 10 ug/gCRT between pre-shift and post-shift urine collections. The ACGIH Biological Exposure Index for long- and short-term hexavalent chromium is an end-of-shift concentration of 30 ug/gCRT at the end of the work week.

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

* Abnormal, # = Corrected, C = Critical, f = Footnote, H = High, L = Low, t = Interpretive Text, @ = Reference Lab

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