



Arsenic 24 Hour Urine or Random Urine

Order Name: **ARSENIC U**

Test Number: 3809050

Revision Date: 03/27/2025

TEST NAME	METHODOLOGY			LOINC CODE
Arsenic 24 Hour Urine or Random Urine	Inductively Coupled Plasma/Mass Spectrometry (ICP/MS) or Atomic Spectroscopy (AS)			
SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	5 mL (2.5 mL)	Urine, 24-hour	24 hour Urine Container	Room Temperature
Alternate 1	5 mL (2.5 mL)	Urine, Random	Sterile Urine container	Room Temperature
Instructions	<p>Specimen: Urine (random or 24-hour)</p> <p>Notes: 2.5 mL (Note: This volume Does NOT allow for repeat testing.)</p> <p>Specimen Type: Plastic urine container, no preservative</p> <p>Specimen Storage: Maintain specimen at room temperature.</p> <p>Specimen Collection: Sampling time is the end of the work week for industrial exposure monitoring. Metals with timing "end of work week" (meaning four or five consecutive working days with exposure) are eliminated with half-lives longer than five hours. Such metals accumulate in the body during the work week; therefore, their timing is critical in relation to previous exposures. OPTIONAL PROTOCOL: Instruct the patient to void at 8 AM and discard the specimen. Then collect all urine including the final specimen voided at the end of the 24-hour collection period (ie, 8 AM the next morning). Avoid contact with metal during collection. Screw the lid on securely.</p> <p>Special Instructions: Request form MUST state volume collected as 24-hour, if applicable. Do not use preservatives. Preservatives used for routine analysis may contain mercuric oxide (ie, Stabilur), which interferes with all metal testing. If both urinalysis and metal testing</p> <p>Specimen Stability: Ambient: 14 days, Refrigerated : 14 days, Frozen: 14 days (Freeze/thaw cycles Stable x3)</p>			

GENERAL INFORMATION

Expected TAT	3 - 6 days	
Notes	If total arsenic concentration is between 35-2000 ug/L, then Arsenic, Fractionated shown below, will be added to determine the proportion of organic, inorganic, and methylated forms. Additional charges apply.	
Arsenic, Fractionated [Order Code: 3709000]		
RESULT CODE	RESULT NAME	LOINC
3800475	Arsenic Inorganic	12481-8
3800276	Arsenic, MMA	94458-7
3800476	Arsenic, DMA	94457-9
3800676	Arsenic, Total Toxic	n/a
3800876	Ars(Toxic)/Crt Note:	n/a
3800875	Arsenic Organic	n/a
3800675	Arsenic Methylated	n/a
CPT Code(s)	82570, 82175	
Service Provided By	 labcorp Oklahoma, Inc.	