

Lead, Urine (Random or 24hr)

Order Name: **LEAD URINE**
Test Number: 3800005
Revision Date: 12/09/2022

TEST NAME	METHODOLOGY	LOINC CODE
Lead, Urine (Random or 24hr)	Inductively-Coupled Plasma/Mass Spectrometry	

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (mL)	Specimen Type	Specimen Container	Transport Environment
Preferred	5 mL (2.5 mL)	Urine, 24-hour	24 Hour Urine Acid Washed Container	Room Temperature
Alternate 1	5 mL (2.5 mL)	Urine, Random	Acid Washed, Trace Element Free Container	Room Temperature

Instructions

Notes: 2.5 mL (Note: This volume Does NOT allow for repeat testing.)

Specimen Type: Plastic urine container, no preservative

Specimen Storage: Maintain specimen at room temperature.

Specimen Collection: Sampling time is not critical for industrial exposure monitoring. Metals with timing "not critical" have very long elimination half-lives and accumulate in the body over years, some for a lifetime. After a couple of weeks of exposure, specimens can be collected at any time. Optional protocol: If the specimen is a 24-hour collection, 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). Screw the lid on securely. Collect without preservatives. Mix well. Sampling time is not critical for industrial monitoring.

Special Instructions: Request form MUST state total volume collected in 24-hour, if applicable. No preservatives. Preservatives used for routine analysis may contain mercuric oxide (ie, Stabilur), which interferes with all metal testing. If both urinalysis and metal testing are requested, use a separate container for metal testing.

Specimen Stability: Ambient: 14 days, Refrigerated : 14 days, Frozen: 14 days

GENERAL INFORMATION

Expected TAT	3 - 4 days
Performing Labcorp Test Code	007633
Notes	Labcorp Test Code: 007633
CPT Code(s)	83655, 82570
Lab Section	Reference Lab