

Reporting Title: Toluene as Hippuric Acid, Occup, U
Performing Location: Medtox Laboratories, Inc.

Specimen Requirements:
10 mL aliquot of random or spot urine collected at end of shift. Send specimen refrigerated. Tubes should be filled to prevent loss of volatile compound into headspace.

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	14 days	
	Frozen	180 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z1863	Creatinine	Alphanumeric		2161-8
Z1060	Hippuric Acid	Alphanumeric		6709-0
Z1061	Hippuric Acid	Alphanumeric		13754-7

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:
No

CPT Code Information:
83921/Organic acid, single, quantitative
82570/Creatinine, other source

Reference Values:
Creatinine: >50 mg/cL

Hippuric Acid is a metabolite of toluene and benzyl alcohol.

Normal (unexposed population):
Average 0.8 g/L

Exposed:

Biological Exposure Index (BEI):
1.6 g/g creatinine
(toluene exposure: end of shift)

Toxic:
Not established

