

**Overview****Method Name**

Gas Chromatography/Flame Ionization Detection (GC-FID)

**NY State Available**

Yes

**Specimen****Specimen Type**

Urine

**Specimen Required**

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 Minimum Volume**

1.2 mL

**Reject Due To**

Hemolysis	NA
Lipemia	NA
Icterus	NA
Other	NA

**Specimen Stability Information**

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

**Clinical & Interpretive****Reference Values**

Creatinine: &gt;50 mg/cL

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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

## Performance

### PDF Report

No

### Day(s) Performed

Monday through Sunday

### Report Available

7 to 8 days

### Specimen Retention Time

2 weeks

### Performing Laboratory Location

Medtox Laboratories, Inc.

## Fees & Codes

### Fees

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact [Customer Service](#).

### CPT Code Information

83921

82570

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**LOINC® Information**

Test ID	Test Order Name	Order LOINC® Value
FHIPP	Toluene as Hippuric Acid, Occup, U	Not Provided

Result ID	Test Result Name	Result LOINC® Value
Z1863	Creatinine	2161-8
Z1060	Hippuric Acid	6709-0
Z1061	Hippuric Acid	13754-7