

## Overview

**Method Name**

Headspace Gas Chromatography/Electron Capture Detection (GC-EC)  
Spectrophotometry (SPEC)

**NY State Available**

Yes

## Specimen

**Specimen Type**

Urine

**Specimen Required**

Submit a 10 mL aliquot from a random or spot urine collected at end of shift, end of exposure, or end of workweek.  
Send specimen refrigerated.

**Specimen Minimum Volume**

0.25 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: >50 mg/dL

Trichloroethane Exposure:

**Normal (unexposed population):**

None detected

**Exposed:****Biological Exposure Index (BEI):**

10 mg/L (end of workweek)

**Toxic:**

Not established

**Trichloroethylene Exposure:****Normal (unexposed population):**

None detected

**Exposed:****Biological Exposure Index (BEI):**

100 mg/g creat (end of workweek)

**Biological Tolerance Value (BAT):**

100 mg/L (end of exposure or end of shift, or after several shifts for long-term exposure)

**Toxic:**

Not established

**Tetrachloroethylene (Perchloroethylene) Exposure:****Normal (unexposed population):**

None detected

**Exposed:****Biological Exposure Index (BEI):**

7.0 mg/L (end of workweek)

**Toxic:**

Not established

**Performance****PDF Report**

No

**Day(s) Performed**

Monday through Sunday

**Report Available**

7 to 11 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-Organic acid, single, quantitative

82570-Creatine, other source

**LOINC® Information**

Test ID	Test Order Name	Order LOINC® Value
FFTRU	Trichloroacetic Acid, Urine	Not Provided

Result ID	Test Result Name	Result LOINC® Value
Z1181	Creatinine	2161-8
Z1058	Trichloroacetic Acid	3041-1
Z1059	Trichloroacetic Acid	26770-8