

## Overview

### Method Name

Colorimetry (C)

High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

### NY State Available

Yes

## Specimen

### Specimen Type

Urine

### Specimen Required

**\*\*\*Must submit one specimen per order. Specimens cannot be shared between multiple orders.\*\*\*****Specimen Type:** Urine**Container/Tube:** Plastic preservative-free urine container**Specimen Volume:** 3 mL**Collection Instructions:** Collect 3 mL random urine specimen at end of shift. Send specimen refrigerated in a plastic, preservative-free urine container.

### Specimen Minimum Volume

1.1 mL

### Reject Due To

### Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Urine	Ambient	5 days	
	Refrigerated (preferred)	30 days	
	Frozen	30 days	

## Clinical & Interpretive

### Reference Values

Reporting limit determined each analysis

**Creatinine (mg/L):**

U.S. Population (10th – 90th percentiles, median)

All participants:

335 - 2370 mg/L, median: 1180 (n=22,245)

Males:

495 - 2540 mg/L, median: 1370 (n=10,610)

Females:

273 - 2170 mg/L, median 994 (n=11,635)

**Hippuric Acid (g/L)**

Normal for unexposed populations is generally less than 1.6 g/L.

**Hippuric Acid (Creatinine corrected) (g/g Creat)**

Normal for unexposed populations is generally less than 1.5 g/g creatinine.

**Specific Gravity Confirmation**

Physiologic range: 1.010 - 1.030

**Performance****PDF Report**

No

**Day(s) Performed**

Monday through Sunday

**Report Available**

9 - 16 days

**Specimen Retention Time**

2 weeks

**Performing Laboratory Location**

NMS Labs

**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](#).

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**Test Classification**

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the U.S. Food and Drug Administration.

**CPT Code Information**

82570  
83921  
81002 (if appropriate)

**LOINC® Information**

Test ID	Test Order Name	Order LOINC® Value
HIPA	Hippuric Acid, U	Not Provided

Result ID	Test Result Name	Result LOINC® Value
Z1305	Creatinine	2161-8
Z1341	Reporting Limit	19147-8
Z1309	Hippuric Acid	6709-0
Z1342	Reporting Limit	19147-8
Z1306	Hippuric Acid(Creatinine corrected)	13754-7
Z1343	Reporting Limit	19147-8
Z2513	Specific Gravity Confirmation	In Process