

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 | Refrigerated (preferred) | 30 days | |
| | Ambient | 5 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](#).

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 |