

Overview**Method Name**

Colorimetry (C)

High Performance Liquid Chromatography/

TandemMass Spectrometry (LC-MS/MS)

NY State Available

Yes

Specimen**Specimen Type**

Urine

Specimen Required

Send 3 mL from a random urine collection. Send specimen refrigerated in a plastic urine container.

Reject Due To

Hemolysis	NA
Lipemia	NA
Icterus	NA
Other	NA

Specimen Minimum Volume

1.1 mL

Specimen Stability Information

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

Synonym(s): Hippurate; n-Benzoylglycine

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

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

Synonym(s): Hippurate; n-Benzoylglycine

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

Specimen Retention Time

2 weeks

Performing Laboratory Location

NMS Labs

Fees & Codes
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

LOINC® Information

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

Result ID	Reporting Name	LOINC®
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	5810-7