



Test Definition: HIPA

Hippuric Acid, Urine

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