Test Definition: HIPA

Hippuric Acid, Urine

Reporting Title: Hippuric Acid, U
Performing Location: NMS Labs

Specimen Requirements:

Send 4 mL from a random urine collection. Send specimen refrigerated in a plastic urine container.

Specimen Type	Temperature	Time
Urine	Refrigerated (preferred)	7 days
	Frozen	60 days
	Ambient	7 days

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z1305	Creatinine	Alphanumeric	mg/L	2161-8
Z1341	Reporting Limit	Alphanumeric	mg/L	In Process
Z1309	Hippuric Acid	Alphanumeric	g/L	6709-0
Z1342	Reporting Limit	Alphanumeric	g/L	In Process
Z1306	Hippuric Acid(Creatinine corrected)	Alphanumeric	g/g Cr	13754-7
Z1343	Reporting Limit	Alphanumeric	g/g Cr	In Process
Z2513	Specific Gravity Confirmation	Alphanumeric		2965-2

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	ASSAY OF URINE CREATININE	1	82570		
Billing only	ORGANIC ACID SINGLE QUANT	1	83921		

Reference Values:

Reporting limit determined each analysis

Creatinine:
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 in an unexposed population up to 1.6 g Hippuric Acid/L urine.

Hippuric Acid (Creatinine corrected) (g/g Creat)
Synonym(s): Hippurate; n-Benzoylglycine
Biological Exposure Index (ACGIH) for monitoring
exposure to Toluene:
1.6 g Hippuric Acid/g Creatinine measured in an end of shift specimen.

Specific Gravity Confirmation
Physiologic range: 1.010-1.030.

Test Performed by: NMS Labs
3701 Welsh Road
P.O. Box 433A
Willow Grove, PA 19090-0437