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	
	Ambient	7 days	
	Frozen	60 days	

Result Codes:

Result ID	Reporting Name	Туре	Unit	LOINC®
Z1305	Creatinine	Alphanumeric	mg/L	In Process
Z1341	eporting 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	Organic Acid,Ttl,Qnt,Each	1	83921		
Billing only	Other Source	1	82570		



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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

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