

**REFERENCE VALUE/FILE
DEFINITION CHANGE
REFERRAL**

NOTIFICATION DATE: September 7, 2012

EFFECTIVE DATE: October 1, 2012

HIPPURIC ACID, URINE
Test ID: HIPA
Secondary ID: 9756

NOTE: Effective with this change, all orders placed for this test must be submitted in the alpha-numeric character Test ID format instead of the numeric Secondary ID. Result codes may also be subject to change. Please review Test Set-Up and Conversion Mapping information at: <http://www.mayomedicallaboratories.com/test-notifications/index.html>

EXPLANATION: Effective October 1, Test ID HIPA, referred to NMS Labs, will reflect the following change.

CURRENT REFERENCE VALUE:

Reporting limit determined each analysis

Creatinine:

ACGIH Normal Range in adults:

300-3400 mg/L (Mean: 1000 mg/L)

[0.3-3.4 g/L (Mean: 1 g/L)]

1000-1600 mg/day (1.0-1.6 g/day)

Hippuric Acid

Synonym(s): n-Benzoylglycine

Normal in an unexposed population up to 1.6 g Hippuric Acid/L urine

Hippuric Acid (Creatinine corrected)

Synonym(s): 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

NEW REFERENCE VALUE:

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.

QUESTIONS: Contact Mary Erath, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710