

FILE DEFINITION TEST CHANGE
NOTIFICATION DATE: 01/27/2015
EFFECTIVE DATE: 03/03/2015

VANILLYLMANDELIC ACID (VMA) AND HOMOVANILLIC ACID (HVA), RANDOM, URINE

Test ID: VH

EXPLANATION: Effective 03/03/2015, the age restriction of <15 years will be removed from the specimen requirements. The reference values, test name, specimen volume, and result code reporting names will also be updated.

CURRENT REPORTING NAME	NEW REPORTING NAME
VMA and HVA, Pediatric, U	VMA and HVA, Random, U

CURRENT PUBLISHED NAME	NEW PUBLISHED NAME
Vanillylmandelic Acid (VMA) and Homovanillic Acid (HVA), Pediatric, Urine	Vanillylmandelic Acid (VMA) and Homovanillic Acid (HVA), Random, Urine

CURRENT SPECIMEN REQUIRED	NEW SPECIMEN REQUIRED
<p>This collection is performed only on children <15 years of age.</p> <p>Container/Tube: Plastic, 10-mL urine tube (Supply T068)</p> <p>Specimen Volume: 10 mL</p> <p>Collection Instructions:</p> <ol style="list-style-type: none"> 1. Collect a random urine specimen. 2. Adjust urine pH to 1 to 5 with 50% acetic or HCl acid. <p>Additional Information:</p> <p>1. Patient's age is required.</p> <p>2. Administration of L-dopa may falsely increase homovanillic acid and vanillylmandelic acid results; it should be discontinued 24 hours prior to and during collection of specimen.</p>	<p>Container/Tube: Plastic, 10-mL urine tube (Supply T068)</p> <p>Specimen Volume: 5 mL</p> <p>Collection Instructions:</p> <ol style="list-style-type: none"> 1. Collect a random urine specimen. 2. Adjust urine pH to 1 to 5 with 50% acetic or HCl acid. <p>Additional Information:</p> <p>1. Patient's age is required.</p> <p>2. Administration of L-dopa may falsely increase homovanillic acid and vanillylmandelic acid results; it should be discontinued 24 hours prior to and during collection of specimen.</p>

CURRENT RESULT CODES		NEW RESULT CODES	
Result ID	Reporting Name	Result ID	Reporting Name
2143	Child VMA	2143	Vanillylmandelic Acid, VH
2144	Child HVA	2144	Homovanillic Acid, VH

CURRENT REFERENCE VALUE	NEW REFERENCE VALUE
<u>VMA</u> <1 year: <27.0 mg/g creatinine 1 year: <18.0 mg/g creatinine 2-4 years: <13.0 mg/g creatinine 5-9 years: <8.5 mg/g creatinine 10-14 years: <7.0 mg/g creatinine > or =15 years (adults): not applicable	<u>VMA</u> <1 year: <25.0 mg/g creatinine 1 year: <22.5 mg/g creatinine 2-4 years: <16.0 mg/g creatinine 5-9 years: <12.0 mg/g creatinine 10-14 years: <8.0 mg/g creatinine > or =15 years (adults): <7.0 mg/g creatinine
<u>HVA</u> <1 year: <35 mg/g creatinine 1 year: <23 mg/g creatinine 2-4 years: <13.5 mg/g creatinine 5-9 years: <9 mg/g creatinine 10-14 years: <12 mg/g creatinine > or =15 years (adults): not applicable	<u>HVA</u> <1 year: <35.0 mg/g creatinine 1 year: <30.0 mg/g creatinine 2-4 years: <25.0 mg/g creatinine 5-9 years: <15.0 mg/g creatinine 10-14 years: <9.0 mg/g creatinine > or =15 years: <8.0 mg/g creatinine

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
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