Reporting Title: Homovanillic Acid (HVA), 24 Hr, U
Performing Location: Rochester

Specimen Requirements:
Container/Tube: Plastic, 10-mL urine tube (Supply T068)
Specimen Volume: 6 mL
Collection Instructions:
1. Collect a 24-hour urine specimen.
2. Add 25 mL of 50% acetic acid as preservative at start of collection. Use 15 mL of 50% acetic acid for children <5 years old.
3. This preservative is intended to achieve a pH of between approximately 1 and 5. If necessary, adjust urine pH to 1 to 5 with 50% acetic or HCl acid.
Additional Information:
1. Patient's age and 24-hour volume are required.
2. Administration of L-dopa may falsely increase homovanillic acid results; it should be discontinued 24 hours prior to and during collection of specimen.
3. The sensitivity of this test is greater on a 24-hour specimen than on a random specimen.
4. See Urine Preservatives in Special Instructions for multiple collections.
5. Bactrim may interfere with detection of the analyte. All patients taking Bactrim should be identified to the laboratory when this test is ordered.

Urine Preservative Collection Options
Ambient No
Refrigerated No
Frozen No
6N HCl Yes
50% Acetic Acid Preferred
Na2CO3 No
Toluene No
6N HNO3 No
Boric Acid No
Thymol No

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

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
HVA	TM39	Collection Duration	Plain Text	Yes
HVA	VL37	Urine Volume	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
3572	HVA, Adult	Numeric	mg/24 h	2436-4
3573	HVA, Child (<15 yr)	Numeric	mg/g Cr	13760-4
TM39	Collection Duration	Alphanumeric		13362-9
VL37	Urine Volume	Alphanumeric		3167-4

CPT Code: 1 × 83150

Reference Values:

<1 year: <35.0 mg/g creatinine
1 year: <23.0 mg/g creatinine
2-4 years: <13.5 mg/g creatinine
5-9 years: <9.0 mg/g creatinine
10-14 years: <12.0 mg/g creatinine
> or =15 years (adults): <8 mg/24 hours