



## LABORATORY SERVICES IMPORTANT TEST ANNOUNCEMENT

### HVA and VMA

Test Code: VMHVP

Live Date: 12/06/2022

- **Methodology:** Gas Chromatography/Mass Spectrometry
- **Performed:** Tuesday and Friday
- **Turnaround Time:** One(1) Week
- **Specimen Required:**
  - **Collect:** 24-Hour Urine or Random Urine
  - **Specimen Volume:** 5 mL
  - **Specimen Preparation:** Inpatient: Place on ice immediately after collection  
Outpatient: Freeze immediately after collection
  - **Storage/Transport/Temperature/Stability:** Refrigerate during collection
  - **Unacceptable Conditions:** Collect in diaper or cotton balls; not received at proper temperature; not received within specific time frame
  - **Comments:** Urine collected for <24 hours will be treated as a random urine sample. 24-hour urine collections must include total volume collected, collection time, and both start and end collection dates. For 24-hour collection, keep the sample refrigerated and add the fresh void to the refrigerated sample pool.

Urine specimens should be free of contrast agents as they may interfere with testing. Urine should be collected prior to the administration of contrast agents or a minimum of 72 hours after.

- **Reference Intervals:**
  - On December 6, 2022, HVA and VMA will be reported with new reference ranges. See chart below:

Age	HVA		VMA		Unit
	Reference range	Alert Value	Reference range	Alert Value	
0 – 2	0-42	≥56	0-27	≥41	(mg/g creat)
3 – 5	0-22	≥33	0-13	≥17	
6 – 17	0-15	≥20	0-9	≥11	
≥ 18	0-8	≥10	0-6	≥10	

If you have any additional questions about HVA and VMA please refer to the Laboratory Guide to Services or call Client Services at 614-722-5477