Test Definition: HIAA

5-Hydroxyindoleacetic Acid (5-HIAA), Urine

Reporting Title: 5-Hydroxyindoleacetic Acid, U
Performing Location: Rochester

Specimen Requirements:

Container/Tube: Plastic, 10-mL urine tube (Supply T068)
Specimen Volume: 5 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. Patients should not eat avocados, bananas, butternuts, cantaloupe, dates, eggplant, grapefruit, hickory nuts, honeydew melon, kiwifruit, melons, nuts, pecans, pineapple, plantains, plums, tomatoes and tomato products, or walnuts which are high in serotonin for 48 hours before or during collection.
4. Certain medications, such as L-dopa, acetaminophen, salicylates, and cough syrup containing guaifenesin must also be avoided.
Additional Information:
1. 24-hour volume is required.
2. See Urine Preservatives in Special Instructions for multiple collections.

Urine Preservative Collection Options
Ambient No
Refrigerated Yes
Frozen Yes
6N HCl Yes (30 mL)
50% Acetic Acid Preferred
Na2CO3 Yes (5 g)
Toluene Yes (30 mL)
6N HNO3 Yes (15 mL)
Boric Acid Yes (10 g)
Thymol Yes (10%)
Forms: If not ordering electronically, submit a General Request Form (Supply T239) with the specimen.

Specimen Type	Temperature	Time
Urine	Refrigerated (preferred)	56 days
	Frozen	365 days

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
HIAA	TM35	Collection Duration	Plain Text	Yes
HIAA	VL33	Urine Volume	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
9248	5-Hydroxyindoleacetic Acid, U	Numeric	mg/24 h	1695-6
TM35	Collection Duration	Alphanumeric		13362-9
VL33	Urine Volume	Alphanumeric		28009-9

CPT Code: 1 × 83497

Reference Values:

Adults: < or =8 mg/24 hours