

Reporting Title: 5-HIAA, Random, U

Performing Location: Rochester

Ordering Guidance:

This test uses a random urine collection to assess 5-hydroxyindoleacetic acid concentrations. If a 24-hour urine collection is preferred, order HIAA / 5-Hydroxyindoleacetic Acid, 24 Hour, Urine.

Necessary Information:

Patient's age and sex are required.

Specimen Requirements:

Patient Preparation:

1. Some medications could interfere with test results. The ordering provider should decide if any medications should be stopped and when they should be restarted. If clinically feasible, discontinue the following medications at least 48 hours prior to specimen collection:

- Acetaminophen (Tylenol or generic versions)
- Tryptophan containing supplements

2. For 48 hours prior to the urine collection, the patient should:

Limit the following to one serving per day:

- Fruits
- Vegetables
- Nuts
- Caffeinated beverages or foods

Supplies: Urine Tubes, 10 mL (T068)

Container/Tube: Plastic, 10-mL urine tube

Specimen Volume: 5 mL

Collection Instructions:

1. Collect a random urine specimen.
2. Store and send refrigerate

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
616090	5-HIAA, Random, U	Alphanumeric	mg/g Cr	11145-0

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:
83497

Reference Values:

5-HIAA, mg/g creatinine 99th percentile cutoff		
Age	Female	Male
< or =23 months	< or =17.53	< or =16.42
24-35 months	< or =17.07	< or =15.96
3 years	< or =16.70	< or =15.60
4 years	< or =16.03	< or =14.93
5 years	< or =15.26	< or =14.17
6 years	< or =14.40	< or =13.34
7 years	< or =13.47	< or =12.43
8 years	< or =12.52	< or =11.52
9 years	< or =11.58	< or =10.63
10 years	< or =10.67	< or =9.79
11 years	< or =9.81	< or =9.00
12 years	< or =9.02	< or =8.29
13 years	< or =8.32	< or =7.65
14 years	< or =7.70	< or =7.08
15 years	< or =7.16	< or =6.59
16 years	< or =6.72	< or =6.15
17 years	< or =6.36	< or =5.78
18 years	< or =6.08	< or =5.45
19 years	< or =5.88	< or =5.17
20 years	< or =5.73	< or =4.93
21 years	< or =5.64	< or =4.73
22 years	< or =5.59	< or =4.55
23 years	< or =5.57	< or =4.40
24 years	< or =5.57	< or =4.28
25 years	< or =5.58	< or =4.19
26 years	< or =5.61	< or =4.11
27 years	< or =5.64	< or =4.06
28 years	< or =5.67	< or =4.03
29 years	< or =5.70	< or =4.02
30 years	< or =5.72	< or =4.01
31 years	< or =5.75	< or =4.02
32 years	< or =5.77	< or =4.03
33 years	< or =5.78	< or =4.05
34 years	< or =5.79	< or =4.06
35 years	< or =5.80	< or =4.08
36 years	< or =5.80	< or =4.09

37 years	< or =5.80	< or =4.11
38 years	< or =5.80	< or =4.12
39 years	< or =5.81	< or =4.14
40 years	< or =5.82	< or =4.17
41 years	< or =5.85	< or =4.22
42 years	< or =5.89	< or =4.27
43 years	< or =5.95	< or =4.35
44 years	< or =6.04	< or =4.43
45 years	< or =6.14	< or =4.53
46 years	< or =6.26	< or =4.63
47 years	< or =6.40	< or =4.75
48 years	< or =6.55	< or =4.86
49 years	< or =6.71	< or =4.99
50 years	< or =6.86	< or =5.11
51 years	< or =7.01	< or =5.24
52 years	< or =7.15	< or =5.37
53 years	< or =7.29	< or =5.51
54 years	< or =7.41	< or =5.64
55 years	< or =7.52	< or =5.78
56 years	< or =7.62	< or =5.91
57 years	< or =7.71	< or =6.05
58 years	< or =7.80	< or =6.17
59 years	< or =7.88	< or =6.29
60 years	< or =7.95	< or =6.41
61 years	< or =8.02	< or =6.51
62 years	< or =8.09	< or =6.60
63 years	< or =8.15	< or =6.69
64 years	< or =8.21	< or =6.76
65 years	< or =8.28	< or =6.82
66 years	< or =8.34	< or =6.88
67 years	< or =8.40	< or =6.93
68 years	< or =8.46	< or =6.97
69 years	< or =8.52	< or =7.00
70 years	< or =8.58	< or =7.03
71 years	< or =8.65	< or =7.06
72 years	< or =8.71	< or =7.08
73 years	< or =8.77	< or =7.10
74 years	< or =8.82	< or =7.11
75 years	< or =8.86	< or =7.11
76 years	< or =8.90	< or =7.11
77 years	< or =8.92	< or =7.10
78 years	< or =8.93	< or =7.09
79 years	< or =8.93	< or =7.07
80 years	< or =8.92	< or =7.05

81 years	< or =8.90	< or =7.02
82 years	< or =8.88	< or =7.00
83 years	< or =8.86	< or =6.98
84 years	< or =8.85	< or =6.97
85 years	< or =8.84	< or =6.95
86 years	< or =8.84	< or =6.94
87 years	< or =8.84	< or =6.94
88 years	< or =8.84	< or =6.94
>or= 89 years	< or =8.85	< or =6.93