

Reporting Title: 5-HIAA, Random, U
Performing Location: Mayo Clinic Laboratories - Rochester Main Campus

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:**
- Some medications could interfere with test results. If medically feasible, for 48 hours before specimen collection, patient should not take the following medications:
 - Acetaminophen (Tylenol or generic versions)
 - Tryptophan containing supplements
 - 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:

- Collect a random urine specimen.
- 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