

5-Hydroxyindoleacetic Acid, Random, Urine

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:

- 1. 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
- 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	Туре	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:



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83497

Reference Values:

<u> </u>	E HIAA ma/a sro	atining	
	5-HIAA, mg/g creatinine 99th percentile cutoff		
Ago	Female		
Age < or =23 months		Male	
	< 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	
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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 =6.04 < or =4.43 44 years < or =6.04 < or =4.53 46 years < or =6.26 < or =4.63 47 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 =5.51 54 years < or =7.29 < or =5.51 54 years < or =7.29 < or =5.51 54 years < or =7.29 < or =5.51 55 years < or =7.62 < or =5.78 56 years < or =7.62 < or =5.78 56			
40 years < or = 5.82	38 years	< or =5.80	< or =4.12
41 years < or =5.85	39 years	< or =5.81	< or =4.14
42 years < or =5.89	40 years	< or =5.82	< or =4.17
43 years < or =5.95	41 years	< or =5.85	< or =4.22
44 years < or =6.04	42 years	< or =5.89	< or =4.27
45 years < or =6.14	43 years	< or =5.95	< or =4.35
46 years < or =6.26	44 years	< or =6.04	< or =4.43
47 years < or =6.40	45 years	< or =6.14	< or =4.53
48 years < or =6.55	46 years	< or =6.26	< or =4.63
49 years < or =6.71	47 years	< or =6.40	< or =4.75
50 years < or =6.86	48 years	< or =6.55	< or =4.86
51 years < or =7.01	49 years	< or =6.71	< or =4.99
52 years < or =7.15	50 years	< or =6.86	< or =5.11
53 years < or =7.29	51 years	< or =7.01	< or =5.24
54 years < or =7.41	52 years	< or =7.15	< or =5.37
55 years < or =7.52	53 years	< or =7.29	< or =5.51
56 years < or =7.62	54 years	< or =7.41	< or =5.64
57 years < or =7.71	55 years	< or =7.52	< or =5.78
58 years < or =7.80	56 years	< or =7.62	< or =5.91
59 years < or =7.88	57 years	< or =7.71	< or =6.05
60 years	58 years	< or =7.80	< or =6.17
61 years	59 years	< or =7.88	< or =6.29
62 years < or =8.09	60 years	< or =7.95	< or =6.41
63 years	61 years	< or =8.02	< or =6.51
64 years < or =8.21	62 years	< or =8.09	< or =6.60
65 years < or =8.28	63 years	< or =8.15	< or =6.69
66 years < or =8.34	64 years	< or =8.21	< or =6.76
67 years < or =8.40	65 years	< or =8.28	< or =6.82
68 years < or =8.46	66 years	< or =8.34	< or =6.88
69 years < or =8.52	67 years	< or =8.40	< or =6.93
70 years	68 years	< or =8.46	< or =6.97
71 years < or =8.65	69 years	< or =8.52	< or =7.00
72 years	70 years	< or =8.58	< or =7.03
73 years	71 years	< or =8.65	< or =7.06
74 years < or =8.82	72 years	< or =8.71	< or =7.08
75 years	73 years	< or =8.77	< or =7.10
76 years	74 years	< or =8.82	< or =7.11
77 years	75 years	< or =8.86	< or =7.11
78 years	76 years	< or =8.90	
79 years	77 years	< or =8.92	< or =7.10
80 years < or =8.92 < or =7.05		< or =8.93	< or =7.09
·	79 years	< or =8.93	< or =7.07
81 years < or =8.90 < or =7.02	80 years	< or =8.92	< or =7.05
	81 years	< or =8.90	< or =7.02



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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