## 5-Hydroxyindoleacetic Acid, 24 Hour, Urine

## Reference Range

5HIAA, mg/24 hour 99th Percentile Cutoff

| Age | Female | Male | Age | Female | Male |
| :---: | :---: | :---: | :---: | :---: | :---: |
| < or =23 months | < or =2.7 | < or =2.3 | 49 years | < or =7.7 | < or =9.1 |
| $24-35$ months | < or =3.0 | < or $=2.6$ | 50 years | < or =7.7 | < or $=9.2$ |
| 3 years | < or =3.2 | < or =2.9 | 51 years | < or =7.8 | < or =9.3 |
| 4 years | < or =3.4 | < or =3.2 | 52 years | < or =7.8 | < or =9.4 |
| 5 years | < or =3.6 | < or =3.6 | 53 years | < or =7.9 | < or =9.5 |
| 6 years | < or $=3.8$ | < or =3.9 | 54 years | < or =8.0 | < or $=9.6$ |
| 7 years | < or $=4.0$ | < or $=4.2$ | 55 years | < or =8.1 | < or =9.7 |
| 8 years | < or $=4.2$ | < or $=4.5$ | 56 years | < or =8.1 | < or =9.7 |
| 9 years | < or $=4.5$ | < or $=4.8$ | 57 years | < or =8.2 | < or $=9.8$ |
| 10 years | < or $=4.7$ | < or =5.1 | 58 years | < or =8.3 | < or =9.8 |
| 11 years | < or $=4.9$ | < or =5.3 | 59 years | < or =8.3 | < or $=9.8$ |
| 12 years | < or =5.2 | < or =5.6 | 60 years | < or =8.3 | < or =9.9 |
| 13 years | < or =5.4 | < or =5.8 | 61 years | < or =8.3 | < or =9.9 |
| 14 years | < or =5.6 | < or =6.1 | 62 years | < or =8.4 | < or =9.9 |
| 15 years | < or =5.7 | < or $=6.3$ | 63 years | < or =8.4 | < or $=10.0$ |
| 16 years | < or =5.9 | < or =6.4 | 64 years | < or =8.4 | < or $=10.0$ |
| 17 years | < or =6.0 | < or = 6.6 | 65 years | < or =8.4 | < or $=10.0$ |
| 18 years | < or =6.0 | < or =6.7 | 66 years | < or =8.5 | < or =10.1 |
| 19 years | < or =6.1 | < or = 6.8 | 67 years | < or =8.5 | < or =10.1 |
| 20 years | < or =6.1 | < or =6.9 | 68 years | < or =8.5 | < or =10.1 |
| 21 years | < or = 6.2 | < or =6.9 | 69 years | < or =8.5 | < or $=10.2$ |
| 22 years | < or $=6.2$ | < or = 7.0 | 70 years | < or $=8.5$ | < or $=10.2$ |
| 23 years | < or =6.2 | < or = 7.0 | 71 years | < or =8.6 | < or $=10.2$ |
| 24 years | < or = 6.3 | < or = 7.1 | 72 years | < or =8.6 | < or $=10.2$ |
| 25 years | < or =6.3 | < or = 7.2 | 73 years | < or =8.5 | < or =10.1 |
| 26 years | < or =6.3 | < or = 7.2 | 74 years | < or =8.5 | < or =10.1 |
| 27 years | < or =6.4 | < or = 7.3 | 75 years | < or =8.6 | < or $=10.1$ |
| 28 years | < or =6.4 | < or =7.4 | 76 years | < or =8.6 | < or $=10.0$ |
| 29 years | < or $=6.5$ | < or =7.5 | 77 years | < or =8.6 | < or $=10.0$ |
| 30 years | < or =6.6 | < or =7.5 | 78 years | < or =8.6 | < or $=10.0$ |
| 31 years | < or $=6.6$ | < or = 7.6 | 79 years | < or =8.6 | < or $=10.0$ |
| 32 years | < or =6.7 | < or =7.7 | 80 years | < or =8.7 | < or =9.9 |
| 33 years | < or $=6.8$ | < or =7.7 | 81 years | < or =8.7 | < or =9.9 |
| 34 years | < or =6.8 | < or =7.8 | 82 years | < or =8.7 | < or =9.9 |
| 35 years | < or =6.9 | < or =7.9 | 83 years | < or =8.7 | < or =9.9 |
| 36 years | < or =6.9 | < or =7.9 | 84 years | < or =8.7 | < or =9.9 |
| 37 years | < or =7.0 | < or = 8.0 | 85 years | < or =8.6 | < or =9.8 |
| 38 years | < or =7.0 | < or =8.1 | 86 years | < or =8.5 | < or $=9.8$ |
| 39 years | < or $=7.0$ | < or =8.2 | 87 years | < or =8.4 | < or =9.7 |
| 40 years | < or =7.1 | < or =8.2 | 88 years | < or =8.3 | < or =9.7 |
| 41 years | < or =7.1 | < or =8.3 | 89 years | < or =8.1 | < or =9.5 |
| 42 years | < or =7.2 | < or =8.4 | 90 years | < or =7.9 | < or =9.4 |
| 43 years | < or =7.3 | < or =8.5 | 91 years | < or =7.6 | < or =9.2 |
| 44 years | < or =7.4 | < or =8.6 | 92 years | < or =7.4 | < or =9.0 |
| 45 years | < or =7.4 | < or =8.7 | 93 years | < or =7.1 | < or =8.8 |
| 46 years | < or $=7.5$ | < or =8.8 | 94 years | < or =7.0 | < or =8.7 |
| 47 years | < or =7.6 | < or =8.9 | $=95$ years | < or $=6.9$ | < or =8.6 |

